Optimizing Scope of Practice

#AAAAI23

annualmeeting.aaaaai.org
American Academy of Allergy Asthma & Immunology

ANNUAL MEETING
WASHINGTON, DC · FEBRUARY 23-26, 2024

Save the Date

annualmeeting.aaaai.org #AAAAI24
Welcome

Dear Colleagues,

Welcome to the 2023 AAAAI Annual Meeting. This is the A/I event of the year where you will experience interactive training stations, dedicated networking lounges, highly anticipated research highlights and of course, transformative educational sessions. Over 400 faculty members will be speaking, and they are ready to answer questions and engage in discussion with you.

You are a part of the community of thousands of A/I clinicians from around the world who have gathered together to learn from top experts in the field, exchange ideas and best practices, make new connections and access cutting-edge research. We thank you in advance for following our health and safety protocols that will ensure a safe, informative and successful Annual Meeting. The Annual Meeting Program Committee has again constructed an impressive program, including a wide variety of content-rich sessions covering the latest in A/I, with many built around our “Optimizing Scope of Practice” theme. While the theme covers about 20% of our sessions, the remaining 80% were developed through member submissions and include a robust selection of basic and clinical science programming. The labels and key inside this program will help you determine which sessions relate to the theme and to our other session tracks, and which sessions are being livestreamed for those who opted to attend the 2023 Annual Meeting virtually. Other virtual components include a set of pre-recorded sessions to be viewed at your convenience, the recording of a select number of live sessions that will be uploaded online and a virtual Poster Hall.

Add These High-Impact Sessions to Your Meeting Schedule

Friday at 1:45 pm is the Presidential Plenary: Paradigm Shifts in Drug Allergy, which will serve as a major update to the field of drug allergy. You will hear about new insights into the immunopathology of Aspirin-exacerbated Respiratory Disease, advances in the diagnosis and management of Severe Cutaneous Adverse Reaction and practice changers from Drug Allergy: A 2022 Practice Parameter Update.

Our plenary sessions continue at 8:15 am on Saturday and Sunday, and at 9:30 am on Monday. These plenaries will cover the impact of climate change and environmental hazards on allergic disease, new insights on atopic dermatitis and the latest in the diagnosis and management of food allergy.

For the Keynote Saturday at 3:30 pm, Peter Hotez, MD, PhD, DSc, an internationally-recognized physician-scientist in neglected tropical diseases and vaccine development, will lead a timely discussion on how we address both vaccine equity and a rising and aggressive antiscience empire. We are also excited to announce that on Monday after the Business Meeting, which is now from 8:15 to 9:15 am, and before the plenary session at 9:30 am, there will be a special virtual presentation from CDC Director Rochelle Walensky, MD, MPH.

Download the Official Meeting App and Join the Social Media Conversation

Visit the App Store or Play Store on your mobile device to download the official 2023 Annual Meeting app. Use it to organize your session schedule, access handouts and abstracts, respond to polls and ask questions in sessions, stay informed about program changes as they happen, and navigate the Henry B. González Convention Center with interactive maps and exhibitor information. Most importantly, the app offers the only way to complete faculty evaluations, and we need your feedback to make future programming improvements. If you post on social media during the meeting, use our #AAAAI23 hashtag so patients and other colleagues can follow what you are learning.

Have Fun While Supporting A/I Research

Fun and camaraderie with your fellow attendees await you at the AAAAI Foundation’s events: Saturday’s Benefit at the San Antonio Marriott Rivercenter and Sunday’s 5k Run/Walk in Hemisfair Park. By registering and attending, you are helping fund A/I research that will improve the lives of your patients.

We wish you a safe and fulfilling educational and networking experience as you reconnect with colleagues during your time in San Antonio.

Sincerely,

David A. Khan, MD FAAAAI
AAAAI President

Joshua A. Boyce, MD FAAAAI
Chair, Annual Meeting Program Committee

The AAAAI Annual Meeting is not a public event. Programs presented at the Annual Meeting are for the education of attendees and purchasers of livestreamed and recorded presentations as authorized by the AAAAI. Any use of program content, the name of a speaker and/or program title, or the name of the AAAAI without the written consent of the AAAAI is prohibited. The “program content” includes, but is not limited to, oral presentations, audio visual materials used by the speakers and program handouts. This rule applies before, during and/or after the meeting.

The AAAAI endorses only those activities described in this printed program. Any other events occurring in the city of San Antonio, Texas during the AAAAI Annual Meeting are not sanctioned by the AAAAI.
Adverse Events Reporting Module: The AAAAI Registry hosts a real-time immunotherapy safety reporting module. Protect in-office compounding of allergen extracts by participating in allergen immunotherapy safety data collection.

New!

Make 2023 the year YOU get connected.

The AAAAI Registry

Quality Clinical Data Registry: The AAAAI Registry hosts the only option for reporting specialty-developed Allergy/Immunology quality measures in the Merit-Based Incentive Payment System (MIPS) that reflect your practice:

• Asthma Control: Minimal Important Difference Improvement
• Appropriate Removal or Confirmation of Penicillin Allergy
• Assessment of Asthma Control
• Achievement of Projected Dose of Standardized Allergens in Patients on Immunotherapy for at least 1 Year

Increase your CMS reimbursement • Get ABAI Part IV MOC credits • Complete Improvement Activity/Promoting Interoperability requirements

www.aaaai.org/registry

The AAAAI Quality Clinical Data Registry is provided as a service to our members in conjunction with ArborMetrix

Because Practice Matters! to the AAAAI
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Julie Wang, MD FAAAAI, Vice Chair

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Miguel A. Park, MD, ADDA Vice Chair
Peck Y. Ong, MD FAAAAI, ADDA Secretary

Asthma Diagnosis and Treatment (ADT)
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Alan P. Baptist, MD MPH FAAAAI, ADT Secretary

Basic and Clinical Immunology (BCI)
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Michelle L. Hernandez, MD FAAAAI, EORD Secretary

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Magdalena M. Gorska, MD PhD FAAAAI, MAAI Secretary

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AAAIF FOUNDATION
Run/Walk
SAN ANTONIO, TX

It’s better to run
together!
Get a team of four and participate in the Run/Walk team competition.
Email foundation@aaaaai.org for more info.
For more information, visit https://www.aaaaifoundation.org/special-events/runwalk
Join us February 25, 2023
for an evening of fine food, great music and the presentation of our

2023 Faculty Development Awards

San Antonio Marriott Rivercenter • 7:00 pm - 10:00 pm • Cocktail Attire
Ticket Prices: $300 - Patron
            $3,000 - Table of 10
            $200 - NAIA/Allied Health
            $125 - Student

Registration available with your Annual Meeting registration or
by visiting www.aaaaifoundation.org/special-events/benefit

Sponsored by: Genentech
A Member of the Roche Group
Abstracts
Abstracts programmed at the 2023 Annual Meeting were published as an online supplement to *The Journal of Allergy and Clinical Immunology* (JACI) and can be accessed on the JACI website, jacionline.org.

Admission to Sessions
Admission to Annual Meeting educational sessions is reserved for meeting registrants and registered members of the press only. Guests and exhibitors will not be admitted to educational sessions. Ushers will monitor the name badges of all meeting attendees to control access to educational sessions.

Some sessions require tickets for entry, which are indicated in this program with a ticket icon. Ticketed sessions have limited attendance and an additional fee. All educational sessions requiring such fees will be noted in the sessions by day schedule. Please visit the Registration Desk to register for ticketed sessions. In consideration of state fire codes and as a courtesy to others, those without tickets will not be allowed access into ticketed sessions.

American Academy of Allergy, Asthma & Immunology Foundation (AAAAI Foundation)
Convention Center, Lobby Level, Hall 1 Concourse
Visit the AAAAI Foundation desk to learn more about our 2023 Lectureship Series, Faculty Development Awards and special events.

- Purchase and pick up your Annual Benefit tickets
- Register for and pick up your Run/Walk race packets
- Purchase Running with the President and New Allergist/Immunologist Assembly Ribbons.

You can make a donation to the AAAAI Foundation’s GAIN Campaign at any time by pressing the DONATE icon on the Annual Meeting app or visiting our website aaaaifoundation.org/give

**Foundation Booth Hours:**
Thursday, February 23 12:00 to 7:00 pm
Friday, February 24 7:30 am to 4:00 pm
Saturday, February 25 7:30 am to 4:00 pm
Sunday, February 26 7:30 am to 4:00 pm

AAAAI Journals
Convention Center, Lobby Level, Hall 1 Concourse
Key representatives from *The Journal of Allergy and Clinical Immunology* (JACI), the most-cited allergy/immunology journal, and sister journals *The Journal of Allergy and Clinical Immunology: In Practice* (JACI: In Practice) and *The Journal of Allergy and Clinical Immunology: Global* (JACI: Global) will be available to answer your questions regarding subscriptions and submissions.

Annual Meeting Mobile App
Sponsored by AstraZeneca
The AAAAI has a mobile app dedicated to the 2023 Annual Meeting. This app features tools allowing you to search by speaker or session type, organize your schedule, evaluate speakers and sessions, claim credits, respond to polls and ask questions in sessions, stay current with changes as they occur during the meeting, and navigate the Convention Center with floor plans and exhibitor information. Download the 2023 Annual Meeting app from the App Store or Play Store on your mobile device.

Associates to the AAAAI
See Hospitality Suite.

ATMs
The Convention Center has two ATMs located on the Lobby Level. In the main lobby, the ATM is located right outside of Market Café. In the west lobby, the ATM is located across from the El Puente Food Market.

Business Center
The Henry B. González Convention Center’s Business Center is located on the Lobby Level, just inside of the main entrance. Services include photocopying, computer workstations, fax services, UPS services and office supplies.

Case Report Poster Session
Convention Center, Lobby Level, Hall 2
The Case Report Poster Sessions are open on Friday, February 24 from 3:15 to 4:15 pm; Saturday, February 25 and Sunday, February 26 from 9:45 to 10:45 am.

Charging Lounges
Relax between sessions and recharge your electronic devices or connect with colleagues in these lounges. We are pleased to offer 4 locations this year. Charging lounge locations are as follows:

- **Convention Center, Hall 2:**
  - Sponsored by GSK
  - Convention Center, Lobby Level, Hall 2, 1100 Aisle
  - Sponsored by Sanofi and Regeneron
- **Convention Center Concourses:**
  - Sponsored by Takeda
  - Convention Center, Ballroom Level, Stars at Night Pre-Function
  - Sponsored by Sanofi and Regeneron
  - Convention Center, Ballroom Level, Hemisfair Pre-Function
Children and Guests
The AAAAI asks delegates to refrain from taking children, spouses or guests to any educational session offered at the 2023 Annual Meeting. Registered guests are welcome to relax in the Hospitality Suite or visit the Exhibit Hall; however, an adult must accompany children under the age of 18 at all times. Most San Antonio hotels can provide their guests with a list of independent babysitters and babysitting agencies frequently used by visitors. For more information, please contact the concierge at the appropriate hotel.

Emergency
In the event of an emergency, please use any telephone available (including courtesy phones located throughout the Convention Center) to call the In-House Security Division at (210) 207-7773. At the Marriott, dial 0 from any house phone. At the Hyatt, dial 55 from any house phone.

Evaluations
Delegates will be able to provide feedback on their experiences at the Annual Meeting in two ways:

Participants will be asked to provide input on the educational program of the 2023 Annual Meeting through the online CME Claim System when claiming credit for participation.

Delegates can provide feedback on Annual Meeting faculty members and the sessions they attend by using the mobile app.

Exhibits
Convention Center, Lobby Level, Hall 2
The exhibiting companies and organizations will provide you with the latest information on products and services available to physicians, researchers and allied health professionals in the field of allergy/immunology. The directory on page 110 will provide you with the information you need to take full advantage of the opportunities offered by exhibitors.

Please allow adequate time in your daily schedule to visit the exhibits. Take time to speak with representatives of companies that provide services or market products directly related to your professional interests.

Exhibit Hours
Friday, February 24 9:45 am to 4:15 pm
Saturday, February 25 9:45 am to 3:15 pm
Sunday, February 26 9:45 am to 6:15 pm

First Aid
Convention Center, Lobby Level, Hall 2, Room H2-01
Non-emergency medical services are available in the First Aid room during event hours.

Food Outlets
There are coffee, food and beverage vendors located throughout the Convention Center. There are also restaurants in both co-headquarter hotels.

Handouts
Handouts at the 2023 Annual Meeting will be available in two ways:

- **Online Handouts**
  The most up-to-date versions of the 2023 Annual Meeting handouts are available to meeting delegates at annualmeeting.aaaai.org during and after the Annual Meeting, and in the session listings in the mobile app. Delegates are able to view, download and print available session handouts. Handouts can be searched by session number, session title or a speaker’s last name.

- **Handout Printing Station**
  Hyatt, Third Floor near Bonham A

Hospitality Suite
Marriott Rivercenter, Third Floor, Conference Room 5
Attendees with guest badges are welcome to relax in the Hospitality Suite. Stop in for information on local attractions and shopping, or just relax and enjoy some friendly conversation.

Hospitality Suite Hours
Saturday, February 25 8:00 am to 12:00 pm
Sunday, February 26 8:00 am to 12:00 pm
Monday, February 27 8:00 am to 12:00 pm

Lost and Found
Convention Center, Lobby Level, Hall 1 Concourse
In the event that you have lost or found a personal belonging, please see the AAAAI Registration Desk to either turn in or report a lost item. Please be prepared to provide a detailed description of your missing article. Items not claimed within 60 days of the last event date will be discarded. AAAAI is not responsible for any lost or missing items.

Luggage Storage
Convention Center, Lobby Level, Hall 2
Complimentary storage for luggage will be available on Monday, February 27 from 7:00 am until 4:00 pm.

Member Resource Center
Convention Center, Lobby Level, Hall 1 Concourse
Visit the AAAAI Member Resource Center to:

- Take advantage of Annual Meeting discounts on all public education products.
- Pay your dues, update your membership information or learn how to become a member.

Member Resource Center Hours
Thursday, February 23 12:00 to 6:00 pm
Friday, February 24 7:30 am to 4:00 pm
Saturday, February 25 7:30 am to 4:00 pm
Sunday, February 26 7:30 am to 4:00 pm
Monday, February 27 7:30 am to 2:00 pm
Name Badges
All registered attendees at the 2023 Annual Meeting will receive a name badge as part of their on-site registration package. These badges have a QR code on the back that is embedded with the attendee’s name, mailing address, phone number and email address. Delegates may choose to allow their badges to be scanned in the Exhibit Hall and give their contact information to specific exhibitors.

Please note: When you allow an exhibitor/sponsor to scan your badge, you are authorizing them to contact you and send you materials via postal mail, phone number and/or email. The AAAAI cannot be responsible for the use of your contact information once you have given it to an exhibitor/sponsor.

Networking Lounge
Relax between sessions and connect with colleagues.

Hyatt: Sponsored by Sanofi and Regeneron
Hyatt, Fourth Floor, Texas Pre-Function

Nursing/Lactation Room
Convention Center, Lobby Level, corridor between Halls 3 & 4
Convention Center, Meeting Room Level, adjacent to Room 215
The Convention Center offers two Nursing Mother’s Rooms for nursing guests. Rooms are available during all event hours and are first-come, first-served.

Photography
Personal photography is allowed within the educational sessions and the Poster Hall, unless the speaker or poster presenter explicitly states otherwise. A camera icon with a black circle and slash on posters or slides indicates that picture taking is not allowed. Delegates are also welcome to take photographs at all other AAAAI functions and activities.

Please be mindful to turn off your flash during a presentation. A professional photographer will be on site to document the Annual Meeting. By registering for and taking part in the Annual Meeting, your photo may be taken and used in future promotional materials. If you do not want your photo used, please inform the staff photographer at the time the photograph is taken.

Poster Hall
Convention Center, Lobby Level, Hall 2
The poster sessions, featuring presentations of abstracts in thematic groupings, are open Friday through Sunday. Authors will be present with their posters from 3:15 to 4:15 pm on Friday and 9:45 to 10:45 am on Saturday and Sunday.

Poster Hall Hours
Friday, February 24 7:00 am to 6:00 pm
Saturday, February 25 7:00 am to 6:00 pm
Sunday, February 26 7:00 am to 6:15 pm

Practice Management Hub
Convention Center, Lobby Level, Hall 1 Concourse
Supporting every area of your practice every day. Visit the AAAAI Practice Management Hub for the latest information on compounding standards and get hands-on experience with the requirements. Practice management experts will be on hand daily to answer questions on topics like compounding, coding conundrums, penicillin allergy testing, negotiation strategies, and more. Come share with us your advocacy, practice management, and patient access priorities. Check signage for specific topics, hours and experts. Meet your colleagues here.

Practice Management Hub Hours:
Friday, February 24 12:00 to 4:00 pm
Saturday, February 25 8:00 am to 5:00 pm
Sunday, February 26 8:30 am to 4:00 pm
Monday, February 27 9:00 am to 12:00 pm

Press Room
Convention Center, Meeting Room Level, Room 208
Members of the press representing print, broadcast and electronic consumer media, as well as healthcare trade media, are invited to attend the 2023 Annual Meeting if they have pre-registered at annualmeeting.aaaai.org. To claim a press pass on site, journalists must provide media identification or a business card issued by their news organization. Freelance writers must provide a letter of assignment on a news organization letterhead or bylined articles from a recognized news organization. Press passes will only be issued to journalists representing the editorial staff of print, broadcast or internet media. Journalists must display their press passes at all times while attending the meeting or covering meeting-sponsored events.

The AAAAI does not issue press passes to: a publication’s advertising, marketing, public relations or sales representatives; publishers, editors or reporters from manufacturers’ in-house or promotional publications; public relations staff of exhibitors or educational institutions; writers creating analyses or reports sold as a commodity to customers; or other individuals who are not actually reporting on the meeting or on behalf of a specific media outlet. Exhibitors may not register as press. Journalists must also follow AAAAI Health and Safety Protocols including vaccination requirements.

Quiet Reflection Room
Convention Center, Meeting Room Level, Room 209
This room has been designated for prayer and meditation and is available for use at the Annual Meeting during the regular hours of operation.
Meeting Information

Recording of Sessions
Individual recording of educational sessions is not permitted.

Recordings of the Annual Meeting will be available online approximately two weeks after the conclusion of the live meeting. The recordings include presentation slides along with video and audio for the Plenary and Keynote sessions, and presentation slides synchronized with the audio recordings for selected courses, symposia, Interest Section Forums, workshops, pro/con debates and allied health sessions. Sessions included in the Virtual Annual Meeting are indicated with 🎧 in this program.

Registration Desk
Convention Center, Lobby Level, Hall 1 Concourse
Visit the Registration Desk to pick up your name badge, tickets and registration bag. You can also purchase tickets and register on site.

Registration Desk Hours
Thursday, February 23  12:00 to 7:00 pm
Friday, February 24  6:30 am to 5:00 pm
Saturday, February 25  6:30 am to 5:00 pm
Sunday, February 26  6:30 am to 5:00 pm
Monday, February 27  6:30 am to 3:00 pm

Ribbons
Ribbons are available at a kiosk located near the Registration Desk.

Smoking
Smoking is prohibited at all 2023 Annual Meeting sessions and events.

Speaker Disclosures
Copies of all speakers’ disclosure information are available online at the Annual Meeting website and in the Speaker Resource Room.

Speaker Resource Room
Convention Center, Meeting Room Level, Room 220
All speakers are asked to report to the Speaker Resource Room immediately upon arrival in San Antonio to deliver their presentation materials. Computers and technical support are available for speakers to use in this room. Individuals will receive their speaker ribbons in the Speaker Resource Room.

Speaker Resource Room Hours
Wednesday, February 22  4:00 to 6:00 pm
Thursday, February 23  6:30 am to 6:00 pm
Friday, February 24  6:30 am to 6:00 pm
Saturday, February 25  6:30 am to 6:00 pm
Sunday, February 26  6:30 am to 6:00 pm
Monday, February 27  6:30 am to 3:00 pm

Special Dietary Requirements
If items on the daily, pre-arranged menu do not meet your special dietary requirements (e.g., allergies, kosher) an alternative option can be made available. Please notify an AAAAI staff member at the Registration Desk to ensure arrangements are made. Special arrangements require at least 24 hours advance notice. Vegetarian options will be available at all functions with food. If you are a vegetarian, please inform the server assigned to the room at the beginning of the session that you would like a vegetarian selection.

Ticket Exchange
Tickets to available sessions will be sold at the on-site registration desk. Please check the session monitor for available sessions. To exchange or cancel a session ticket, please bring the ticket to the Assisted Registration Desk no less than 30 minutes prior to the start of the session. Refunds for returned tickets will be mailed from the AAAAI executive office after the meeting.

Time Zone
All events are listed in Central Standard Time (CST).

Training Stations
Convention Center, Lobby Level, Hall 2
Training stations provide Annual Meeting delegates the opportunity to get hands-on practice with allergy/immunology devices and procedures as well as personalized instruction from peers with appropriate expertise. Participation is on a first-come, first-served basis and is open to any registered delegate. Participants can earn continuing education credit for time spent in the training stations.

The 2023 stations will feature three options:

Saturday, February 25, 12:00 to 2:00 pm
2401 Patch Testing: Basics and Beyond
2402 Current and Emerging Digital Technologies in Asthma

Sunday, February 26, 12:00 to 2:00 pm
3401 Oral Food Challenges (OFCs)

For complete details, please see the Online Program.

Tweet Up
Thursday, February 23, 5:00 to 6:00 pm
Yard House Restaurant (River Walk)
849 E. Commerce Street

Are you interested in Twitter and social media? Do you use social media to promote your practice or other allergy/immunology topics? Join others who share your interest at the Tweet Up.
Meeting Information

Wellness Sessions

Hyatt, Third Floor, Presidio C
Start your day off right with a morning rise and shine yoga flow session.

- Friday, February 24: 6:00 to 7:00 am
- Saturday, February 25: 6:00 to 7:00 am
- Sunday, February 26: 6:00 to 7:00 am
- Monday, February 27: 6:00 to 7:00 am

Convention Center, Meeting Room Level, Room 211
Take a moment to recharge your mind and body with these wellness sessions.

- Friday, February 24:
  - Myo Yin Yoga: 7:45 to 8:15 am
  - Guided Breathwork and Meditation: 11:30 am to 12:00 pm

- Saturday, February 25:
  - Guided Breathwork and Sound Bowls: 10:00 to 10:30 am
  - Chair Yoga: 12:00 to 12:30 pm
  - Guided Breathwork and Meditation: 1:30 to 2:00 pm

- Sunday, February 26:
  - Myo Yin Yoga: 10:00 to 10:30 am
  - Guided Breathwork and Sound Bowls: 12:00 to 12:30 pm
  - Chair Yoga: 1:30 to 2:00 pm

WiFi
Complimentary WiFi access is available at the Convention Center and in all meeting spaces throughout the Hyatt and Marriott Rivercenter.

- **Convention Center**
  - Sponsored by Sanofi and Regeneron
  - Wireless Network: DUPIXENT (dupilumab)
  - Password: DUPIXENT

- **Hyatt and Marriott Rivercenter**
  - Sponsored by AstraZeneca
  - Wireless Network: FASENRA
  - Password: MoveForward

Please remember that passwords are case sensitive.

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Cultivating Your Practice

AAAAI PRACTICE MANAGEMENT WORKSHOP
Minneapolis, MN • July 28-30, 2023

Learn more at the
Practice Management Hub
Convention Center, Lobby Level, Hall 1 Concourse
Show your support for the AAAAI Foundation with a Ribbon

I’m Running with the President

Running with the President Ribbon: $100
NAIA Ribbon: $50

Visit the AAAAI Foundation Booth to purchase ribbons
**AAAAl Annual Business Meeting**
Monday, February 27, 8:15 to 9:15 am
Convention Center, Lobby Level, Hall 1
All AAAAI Fellows and members should attend the annual Business Meeting. Breakfast will be provided. No fee. No pre-registration required.

**Associates to the AAAAI Breakfast and Business Meeting**
Saturday, February 25, 9:00 to 10:30 am
Marriott Rivercenter, Third Floor, Conference Room 20

**Interest Section Forums**
Sunday, February 26, 3:30 to 4:30 pm
AAAAl Fellows and members, as well as other delegates, are invited to attend an Interest Section Forum. Each interest section of the AAAAI will host a separate forum. Fellows and members may designate their interest section affiliation, while non-members may inquire about AAAAI membership opportunities. Continuing education credits are available for these activities. See page 35 for more information.

**AAAAl Assembly/Board/Division Committee Meetings**
If you are a current member of an AAAAI assembly, Board or division committee, please plan to attend your committee meeting. Committee meetings are open to current AAAAI members only. All members of these committees must be named by the AAAAI President-Elect. If you are an AAAAI member and you are interested in becoming a member of any of these committees, please contact the AAAAI executive office at (414) 272-6071 or info@aaaai.org.

**Advocacy Committee**
Sunday, February 26, 12:30 to 1:30 pm
Marriott Rivercenter, Third Floor, Grand M

**AI Division Directors Committee**
Sunday, February 26, 12:30 to 1:30 pm
Marriott Rivercenter, Third Floor, Grand I

**Allergy/Immunology Clinical Rotation Curriculum Committee**
Saturday, February 25, 7:00 to 8:00 am
Marriott Rivercenter, Third Floor, Grand J

**Allied Health Education Committee**
Saturday, February 25, 2:00 to 3:00 pm
Convention Center, Meeting Room Level, Room 218

**Annual Meeting Program Committee**
Monday, February 27, 11:00 am to 1:00 pm
Convention Center, Meeting Room Level, Room 214A

**Awards Committee**
Sunday, February 26, 12:00 to 1:30 pm
Marriott Rivercenter, Third Floor, Conference Room 18

**Continuing Certification and Professional Education Committee**
Saturday, February 25, 5:00 to 6:00 pm
Marriott Rivercenter, Third Floor, Grand A

**Core Curriculum, Education & Residency Review Subcommittee**
Saturday, February 25, 12:30 to 1:30 pm
Marriott Rivercenter, Third Floor, Grand B

**New Allergist/Immunologist Assembly (NAIA) Business Meeting and Reception**
Sponsored by BioCryst
Saturday, February 25, 4:45 to 6:15 pm
Marriott Rivercenter, Third Floor, Grand D

**Program Directors Assembly (PDA) Forum and Networking Luncheon**
Friday, February 24, 12:00 to 1:30 pm
Marriott Rivercenter, Third Floor, Grand H

**RSLAAIS Reception, Business Meeting and Forum**
Friday, February 24, 4:45 to 6:30 pm
Convention Center, Meeting Room Level, Room 205
*Closing the Revolving Door; Proven Staff Retention Strategies*
Priya Bansal, MD FAAAAI, Moderator

**Veterans Health Administration Allergists Committee**
Saturday, February 25, 7:00 to 8:00 am
Marriott Rivercenter, Second Floor, Pearl 1

**Federation of RSLAAIS Governors Meeting**
Saturday, February 25, 2:00 to 3:15 pm
Convention Center, Meeting Room level, Room 224

**Fellows-In-Training Committee**
Saturday, February 25, 7:00 to 8:00 am
Marriott Rivercenter, Third Floor, Grand H

**Grant Review Committee**
Sunday, February 26, 8:00 to 9:00 am
Marriott Rivercenter, Second Floor, Pearl 2

**In-Training Examination Committee**
Sunday, February 26, 12:30 to 2:30 pm
Marriott Rivercenter, Third Floor, Grand K

**Office of Medical Education Committee**
Sunday, February 26, 12:30 to 1:30 pm
Marriott Rivercenter, Third Floor, Grand L

**Office of Practice Management**
Saturday, February 25, 12:30 to 1:30 pm
Marriott Rivercenter, Second Floor, Pearl 1

**Program Directors Assembly Executive Committee**
Sunday, February 26, 7:00 to 8:00 am
Marriott Rivercenter, Third Floor, Grand B
<table>
<thead>
<tr>
<th>AAAAI Interest Section Committee Meetings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Committee meetings are held during the Annual Meeting for the purpose of conducting AAAAI related business. If you’re a current member of an interest section committee, please plan to attend your committee meeting. If you are an AAAAI member and you are interested in joining an interest section committee, please attend the meeting and notify the chair that you are interested in joining. For more information on AAAAI committees, please contact the AAAAI executive office at (414) 272-6071 or <a href="mailto:info@aaaai.org">info@aaaai.org</a>.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Committee Name</th>
<th>Date and Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Adverse Reactions to Drugs, Biologics and Latex Committee</strong></td>
<td>Saturday, February 25, 12:30 to 1:30 pm</td>
<td>Marriott Rivercenter, Third Floor, Grand H</td>
</tr>
<tr>
<td><strong>Adverse Reactions to Foods Committee</strong></td>
<td>Saturday, February 25, 6:15 to 7:45 am</td>
<td>Marriott Rivercenter, Third Floor, Grand G</td>
</tr>
<tr>
<td><strong>Aerobiology Committee</strong></td>
<td>Saturday, February 25, 12:30 to 1:30 pm</td>
<td>Marriott Rivercenter, Third Floor, Grand I</td>
</tr>
<tr>
<td><strong>Allergic Fungal Respiratory Diseases Committee</strong></td>
<td>Sunday, February 26, 6:45 to 7:45 am</td>
<td>Marriott Rivercenter, Third Floor, Grand A</td>
</tr>
<tr>
<td><strong>Allergic Skin Diseases Committee</strong></td>
<td>Saturday, February 25, 7:00 to 8:00 am</td>
<td>Marriott Rivercenter, Third Floor, Grand D</td>
</tr>
<tr>
<td><strong>Anaphylaxis Committee</strong></td>
<td>Sunday, February 26, 7:00 to 8:00 am</td>
<td>Marriott Rivercenter, Third Floor, Grand I</td>
</tr>
<tr>
<td><strong>Asthma and Allergic Diseases in Older Adults Committee</strong></td>
<td>Sunday, February 26, 12:30 to 1:30 pm</td>
<td>Marriott Rivercenter, Second Floor, Pearl 1</td>
</tr>
<tr>
<td><strong>Asthma, Cough, Diagnosis and Treatment Committee</strong></td>
<td>Saturday, February 25, 7:00 to 8:00 am</td>
<td>Marriott Rivercenter, Third Floor, Grand B</td>
</tr>
<tr>
<td><strong>Autoimmunity and Altered Immune Response Committee</strong></td>
<td>Friday, February 24, 6:00 to 7:00 pm</td>
<td>Marriott Rivercenter, Third Floor, Grand M</td>
</tr>
<tr>
<td><strong>Cells and Mediators of Allergic Inflammation Committee</strong></td>
<td>Sunday, February 26, 12:30 to 1:30 pm</td>
<td>Marriott Rivercenter, Second Floor, Pearl 2</td>
</tr>
<tr>
<td><strong>Diversity, Equity and Inclusion Committee</strong></td>
<td>Saturday, February 25, 2:00 to 3:00 pm</td>
<td>Marriott Rivercenter, Third Floor, Grand E</td>
</tr>
<tr>
<td><strong>Environmental Exposures and Respiratory Health Committee</strong></td>
<td>Friday, February 24, 12:00 to 1:00 pm</td>
<td>Marriott Rivercenter, Third Floor, Grand M</td>
</tr>
<tr>
<td><strong>Eosinophilic Gastrointestinal Disorders Committee</strong></td>
<td>Saturday, February 25, 12:30 to 1:30 pm</td>
<td>Marriott Rivercenter, Third Floor, Grand D</td>
</tr>
<tr>
<td><strong>Genetics, Molecular Biology and Epidemiology Committee</strong></td>
<td>Saturday, February 25, 7:00 to 8:00 am</td>
<td>Marriott Rivercenter, Third Floor, Grand K</td>
</tr>
<tr>
<td><strong>Health Informatics, Technology &amp; Education Committee</strong></td>
<td>Saturday, February 25, 9:45 to 10:45 am</td>
<td>Marriott Rivercenter, Third Floor, Grand D</td>
</tr>
<tr>
<td><strong>Immunotherapy, Allergen Standardization and Allergy Diagnostics Committee</strong></td>
<td>Sunday, February 26, 6:45 to 8:00 am</td>
<td>Marriott Rivercenter, Third Floor, Grand H</td>
</tr>
<tr>
<td><strong>Integrative Medicine Committee</strong></td>
<td>Sunday, February 26, 12:30 to 1:30 pm</td>
<td>Marriott Rivercenter, Third Floor, Grand J</td>
</tr>
<tr>
<td><strong>Mast Cells Disorders Committee</strong></td>
<td>Friday, February 24, 12:00 to 1:00 pm</td>
<td>Marriott Rivercenter, Third Floor, Grand J</td>
</tr>
<tr>
<td><strong>Microbes in Allergy and Asthma Committee</strong></td>
<td>Sunday, February 26, 8:00 to 9:00 am</td>
<td>Marriott Rivercenter, Second Floor, Pearl 1</td>
</tr>
<tr>
<td><strong>Occupational Diseases Committee</strong></td>
<td>Sunday, February 26, 12:30 to 1:30 pm</td>
<td>Marriott Rivercenter, Third Floor, Grand B</td>
</tr>
<tr>
<td><strong>Practice, Diagnostics and Therapeutics Committee</strong></td>
<td>Sunday, February 26, 7:00 to 8:00 am</td>
<td>Marriott Rivercenter, Third Floor, Conference Room 18</td>
</tr>
<tr>
<td><strong>Practice Management Committee</strong></td>
<td>Sunday, February 26, 12:30 to 1:30 pm</td>
<td>Marriott Rivercenter, Third Floor, Grand D</td>
</tr>
<tr>
<td><strong>Primary Immunodeficiency Disease Committee</strong></td>
<td>Saturday, February 25, 1:30 to 2:30 pm</td>
<td>Marriott Rivercenter, Third Floor, Grand J</td>
</tr>
<tr>
<td><strong>Quality, Adherence and Outcomes Committee</strong></td>
<td>Saturday, February 25, 7:00 to 8:00 am</td>
<td>Marriott Rivercenter, Third Floor, Grand L</td>
</tr>
<tr>
<td><strong>Rhinitis, Rhinosinusitis, and Ocular Allergy Committee</strong></td>
<td>Sunday, February 26, 7:00 to 8:00 am</td>
<td>Marriott Rivercenter, Third Floor, Grand J</td>
</tr>
<tr>
<td><strong>SA3MPRO™</strong></td>
<td>Sunday, February 26, 7:00 to 8:00 am</td>
<td>Marriott Rivercenter, Third Floor, Grand L</td>
</tr>
<tr>
<td><strong>Sports, Exercise and Fitness Committee</strong></td>
<td>Sunday, February 26, 7:00 to 8:00 am</td>
<td>Marriott Rivercenter, Third Floor, Grand M</td>
</tr>
<tr>
<td><strong>Vaccines Committee</strong></td>
<td>Friday, February 24, 6:00 to 7:00 pm</td>
<td>Marriott Rivercenter, Third Floor, Grand M</td>
</tr>
<tr>
<td><strong>Women’s Health A/I Committee</strong></td>
<td>Sunday, February 26, 12:30 to 1:30 pm</td>
<td>Marriott Rivercenter, Third Floor, Grand G</td>
</tr>
</tbody>
</table>
Other AAAAI Meetings (Invitation Only)

Other AAAAI Meetings (Invitation Only)

2023 Leadership Institute Course
Friday, February 24, 8:00 am to 12:00 pm
Marriott Rivercenter, Third Floor, Grand G

AAAAI Past Presidents and Honorary Award Recipients Luncheon
Saturday, February 25, 12:00 to 1:30 pm
Marriott Rivercenter, Third Floor, Conference Room 20

Allied Health Assembly Reception
Friday, February 24, 5:15 to 6:30 pm
Convention Center, Meeting Room Level, Room 214A

Chrysalis Project Participant Welcome and Registration
Thursday, February 23, 6:00 to 7:00 pm
Marriott Rivercenter, Third Floor, Grand B

Chrysalis Project Program
Friday, February 24, 7:30 am to 1:30 pm
Marriott Rivercenter, Third Floor, Grand I

Chrysalis Project Reception
Saturday, February 25, 6:00 to 7:00 pm
Marriott Rivercenter, Third Floor, Grand E

Faculty Development Program Reunion Luncheon
Sunday, February 26, 12:00 to 1:00 pm
Convention Center, Meeting Room Level, Room 224

FIT Reception
Friday, February 24, 5:00 to 6:00 pm
Marriott Rivercenter, Third Floor, Grand E

Immunodeficiency Practice Parameter Work Group
Saturday, February 25, 12:00 to 2:00 pm
Marriott Rivercenter, Third Floor, Grand K

JACI Associate Editors Meeting
Monday, February 27, 6:45 to 8:00 am
Marriott Rivercenter, Third Floor, Grand K

JACI Editorial Board Meeting
Sunday, February 26, 7:00 to 8:00 am
Marriott Rivercenter, Third Floor, Grand D

JACI: Global Editorial Board Meeting
Sunday, February 26, 12:30 to 1:45 pm
Hyatt, Third Floor, Presidio C

JACI Journals’ Reviewer Forum and Reception
Sunday, February 26, 4:45 to 6:30 pm
Convention Center, Meeting Room Level, Room 205

JACI: In Practice Editorial Board Meeting
Saturday, February 25, 7:00 to 8:00 am
Marriott Rivercenter, Third Floor, Grand I

NAIA Leadership Meeting
Sunday, February 26, 12:30 to 1:30 pm
Marriott Rivercenter, Third Floor, Conference Room 20

NAIA/FIT Mentoring Program Coffee Connect
Friday, February 24, 3:15 to 4:45 pm
Marriott Rivercenter, Third Floor, Grand B

Patient Advocacy Organization Breakfast
Friday, February 24, 7:00 to 10:00 am
Marriott Rivercenter, Third Floor, Grand B

Other Meetings and Events

Allergists for Israel Board Meeting
Friday, February 24, 5:00 to 6:00 pm
Marriott Rivercenter, Third Floor, Grand K

Allergists for Israel Religious Service
Friday, February 24, 5:30 to 7:00 pm
Marriott Rivercenter, Second Floor, Southtown 3

Allergists for Israel Religious Service
Saturday, February 25, 6:30 to 8:30 am
Marriott Rivercenter, Second Floor, Southtown 3

Allergists for Israel Religious Service
Saturday, February 25, 5:30 to 7:30 pm
Marriott Rivercenter, Second Floor, Southtown 3

Allergists for Israel Religious Service
Sunday, February 26, 6:30 to 8:30 am
Marriott Rivercenter, Second Floor, Southtown 3

Allergists for Israel Religious Service
Sunday, February 26, 5:00 to 6:00 pm
Marriott Rivercenter, Second Floor, Southtown 3

Allergists for Israel Religious Service
Monday, February 27, 7:00 to 9:00 am
Marriott Rivercenter, Second Floor, Southtown 3

Allergists for Israel Welcome Kiddush Reception
Friday, February 24, 6:00 to 9:00 pm
Marriott Rivercenter, Third Floor, Grand I

American Association of Allergists and Immunologists of Indian Origin (AAAII) Semi-Annual Meeting and Symposium
Friday, February 24, 6:30 to 9:30 pm
Marriott Rivercenter, Third Floor, Grand H

Cincinnati Children’s Hospital Medical Center / University of Cincinnati Annual Reception
Sunday, February 26, 9:00 to 11:00 pm
Marriott Rivercenter, Third Floor, Grand A

Immune Tolerance Network ITN097AD ZENITH Study Investigator Meeting
Friday, February 24, 3:00 to 5:00 pm
Hyatt, Third Floor, Travis AB

International FPIES Association (I-FPIES) Medical Advisory Board Meeting
Sunday, February 26, 9:30 am to 11:30 pm
Marriott Riverwalk, Ballroom Level, Travis

National Jewish Health Faculty and Fellows Reception
Sunday, February 26, 9:00 to 11:00 pm
Hyatt, Third Floor, Presidio BC
The Journal of Allergy and Clinical Immunology: Global Marks First Year in Publication

The Journal of Allergy and Clinical Immunology: Global, joined the AAAAI’s Family of Journals in 2021 as the organization’s Gold Open Access Journal. Since then, the journal has reached thousands of readers around the world, and is available to anyone with internet access. In addition to the quarterly online issues, new content appears regularly in the Articles-in-Press section.

Visit the Journals booth near the Member Resource Center in San Antonio to learn more about the AAAAI family of journals and pick up your complimentary copies.

www.jaci-global.org
Non-CME Educational Programs

Friday, February 24

These programs are not certified for continuing education credit. The content and opinions expressed are those of the sponsor and/or presenter(s) and are not necessarily those of the AAAAI.

What Every Clinician Needs to Know About Type 2 Inflammation
Friday, February 24, 6:00 to 8:00 am CST
Hyatt, Fourth Floor, Texas A
Sponsored by Sanofi and Regeneron
From the esophageal epithelium to the airway to the outer dermis, explore the latest insights on type 2 inflammation and barrier dysfunction – explore the latest insights on how Type 2 Inflammation and barrier dysfunction – including prevalence, biomarkers, and localized effects – drive symptomatology and disease burden.

Advancing Therapeutic Conversations
Friday, February 24, 7:15 to 8:00 am
Hyatt, Fourth Floor, Texas D
Sponsored by AbbVie
Speaker: Dr. Bob Geng
Examining data to confidently support the RINVOQ benefit-risk discussion for adult and pediatric patients with refractory, moderate to severe atopic dermatitis (AD).

New Horizons in Severe Asthma: From the Airway Epithelium to Improved Patient Outcomes
Friday, February 24, 6:30 to 8:30 pm
(Registration: 6:30 pm; Dinner will be provided)
Hyatt, Fourth Floor, Texas A
Faculty: Monica Kraft, MD; Erika Gonzalez, MD; Jonathan Corren, MD
Supported by an independent educational grant from AstraZeneca.
This Interactive Showcase™ in severe asthma will keep attendees engaged as they progress through a series of educational modules, actively participating by web-based application via mobile device. During the first of three modules, attendees will proceed through an expert-guided poster tour briefly reviewing the underlying mechanisms of severe asthma. Following completion, attendees will attend a live expert roundtable session where faculty will discuss evolving management approaches, including the use of newer agents that target inflammatory mediators of disease. During the final module, attendees will participate in an interactive case study, applying information acquired to real-time management decisions.
Register now: www.ExchangeCME.com/SASanAntonio
Can’t attend in person? Sign up for the live stream: www.ExchangeCME.com/SASanAntonioVirtual

Aiming for Clinical Remission – The Next Frontier
Friday, February 24, 6:30 to 8:30 pm CST
Hyatt, Fourth Floor, Texas D
Sponsored by GSK
Speakers: William Busse, MD, John Oppenheimer, MD, Njira Lugogo, MD, Cedric J. Rutland, MD
Join our allergy and pulmonary experts from across different practice areas as they discuss the next frontier of severe asthma care and the endpoints that may define clinical remission. Understand the unmet need that underlies this ambition and what we have learned and can apply from other disease areas. Debate next steps as we strive to raise the ambition of remission on treatment in patients with severe asthma.

Optimizing Biologic Therapy in Children with Moderate-to-Severe Atopic Dermatitis
Friday, February 24, 6:30 to 8:30 pm CST
Registration and Reception | 6:30 to 7:00 pm CST
Symposium and Panel Discussions | 7:00 to 8:30 pm CST
Hyatt, Second Floor, Lone Star A
This activity is supported by an educational grant from Sanofi and Regeneron Pharmaceuticals.
Atopic dermatitis (AD) typically manifests in infancy and is often the first presenter in a series of type 2 inflammatory diseases commonly referred to as “the atopic march”. While novel therapies have been recently made available for adults and teens, the treatment landscape for infants and children is finally catching up. In this multidisciplinary, interprofessional panel featuring allergists, dermatologists, physicians, a PA, eczema educator, and a parent/guardian of a child with AD, experts will discuss the pathophysiology of AD, new and emerging biologics for pediatric AD, and how to approach AD management with an effective team-based strategy. Attend in-person or via simulcast. Register for the event at www.RMEI.com/Atopic-Dermatitis-Feb-24

Advances in Managing Chronic Rhinosinusitis with Nasal Polyps: Practice-Changing Pearls for the Clinician
Friday, February 24, 8:15 to 8:30 pm CST
Hyatt, Fourth Floor, Texas Ballroom C
This activity is provided by Med Learning Group. This activity is co-provided by AMEDCO.
This activity is supported by an independent medical education grant from Regeneron Pharmaceuticals, Inc. and Sanofi.
In this program we will aim to: (1) enhance clinicians’ knowledge of the relationship between CRSwNP endotypes and pathophysiology, which can inform clinical decision-making; (2) improve familiarity with data from clinical trials assessing the efficacy, safety, and tolerability of available and emerging therapeutic options; and (3) discuss how to implement strategies to identify those who are appropriate candidates for biologic therapy. We will use a combination of didactic lecture, video animations, and patient cases to effectively teach clinicians who manage this condition.
Faculty:
Cecelia Damask, DO
Stella E. Lee, MD
Registration link: www.MLG-NP.com
Other Meetings and Events

Saturday, February 25

These programs are not certified for continuing education credit. The content and opinions expressed are those of the sponsor and/or presenter(s) and are not necessarily those of the AAAAI.

It Takes a Village: Two Multidisciplinary Panel Discussion Programs

Saturday, February 25, 6:00 to 8:00 am CST
Hyatt, Fourth Floor, Texas D
Sponsored by GSK

Join experts for two interactive disease state programs.

Program 1: Crafting a Multidisciplinary Approach to EGPA/HES: What are the Next Steps in Diagnosis?
6:00 to 6:45 am CST
Speakers: Njira Lugogo, MD, Princess Ogbogu, MD, Philip Seo, MD
Program 1 will focus on a case-based discussion of rare eosinophilic disorders, eosinophilic granulomatosis with polyangiitis (EGPA) and hypereosinophilic syndrome (HES). These diseases may present similarly and are often a diagnostic challenge. Come together as a village, taking a multidisciplinary, collaborative approach to facilitating the diagnosis and management of these diseases.

Program 2: The Expected and Unexpected Roles of Key Inflammatory Mediators in CRSwNP
7:00 to 7:45 am CST
Speakers: Joshua Levy, MD, MPH, MSc along with Expert Allergist (TBD)
Program 2 will focus on the expected and unexpected roles of key inflammatory mediators in chronic rhinosinusitis with nasal polyposis (CRSwNP), which are not fully understood. Join an allergy and ENT expert as they engage in an interactive discussion on the role of key inflammatory mediators in CRSwNP, including IgE, IL4, IL13, and IL5.

Making the Rounds on Systemic Mastocytosis: Accelerating Diagnosis and Treatment

Saturday, February 25, 6:30 to 8:00 am
(Registration at 6:00 am; breakfast will be provided)
Hyatt, Fourth Floor, Texas A
Faculty: Mariana C. Castells, MD, PhD, Tracy I. George, MD, Anne L. Maitland, MD, PhD, and Patricia Lugar, MD
Supported by an independent educational grant from Blueprint Medicines Corporation.

For this Interactive Showcase™ in nonadvanced systemic mastocytosis (SM), grab your mobile device and headphones for a unique journey through several engaging educational experiences. The first activity, designed as an expert-guided poster tour, will briefly review the pathophysiological drivers of SM and their implications. Subsequently, you will attend a live expert roundtable where faculty will discuss management approaches, including recent clinical trial data on emerging targeted therapies and real-world strategies for comprehensive treatment. During the final activity you will participate in interactive case studies, applying information acquired to real-time management decisions. You don’t want to miss this!

Register now: www.ExchangeCME.com/SMSanAntonio
Can’t attend in person? Sign up for the live stream: www.ExchangeCME.com/SMSanAntonioVirtual

Progression of Type 2 Inflammatory Diseases in Dermatology, Pulmonology, and Gastroenterology: From Childhood to Adolescence

Saturday, February 25, 2023, 6:30 to 7:30 pm CST
Hyatt, Fourth Floor, Texas A

Supported by Sanofi and Regeneron

Join world-renowned experts for an educational program on the role of type 2 inflammation across different inflammatory diseases from childhood to adulthood. Dr. Fred Ghali will discuss the impact of type 2 inflammation and barrier disruption on pediatric patients with atopic dermatitis; Dr. Theresa Guilbert will explore how type 2 inflammation contributes to impaired lung function in pediatric patients with asthma; and Dr. Jonathan Spergel will delve into the role of type 2 inflammation in the progression of eosinophilic esophagitis throughout the lifespan of patients.

Understanding Chronic Cough: Patient Presentation and Assessment

Saturday, February 25, 6:30 to 8:30 pm
Hyatt, Second Floor, Lone Star A
Sponsored by Merck

Learning Objectives:
1. Discuss patient cases and understand patient presentation of chronic cough
2. Review clinical guidelines
3. Understand potential mechanisms of disease in chronic cough

Speaker Name: Gary N. Gross, MD

Speaker Bio: Gary N. Gross, MD is a Clinical Professor of Internal Medicine at Southwestern Medical School and an Attending Physician at the Allergy Clinic for Parkland Hospital in Dallas, TX. He completed his fellowship in Allergy and Immunology at the National Jewish Hospital in Denver, CO. Dr. Gross’ research has been widely published in clinical journals including; The Journal of Clinical Investigation and The Journal of Allergy and Clinical Immunology.
Other Meetings and Events

**Hereditary Angioedema Experts: Navigating Family Dynamics for Attack Prevention**

Saturday, February 25, 6:30 to 8:30 pm  
Hyatt, Fourth Floor, Texas D  
Sponsored by Takeda. Industry Program. No CME/CE credit can be claimed.

Our expert panelists will share the story of a father, son, and daughter with HAE. Explore how family dynamics play a role in disease education and treatment conversations. Join our panel as they discuss how to navigate family considerations when developing a treatment plan and how preventive therapy fits into this conversation.

**Individualized Management of Moderate-to-Severe Asthma**

Saturday, February 25, 8:30 to 9:30 pm CST  
8:15 to 8:30 pm CST Registration & Dinner  
8:30 to 9:30 pm CST Symposium  
Hyatt, Fourth Floor, Texas Ballroom C  
This activity is provided by Med Learning Group. This activity is co-provided by AMEDCO.  
This activity is supported by an independent medical education grant from Regeneron Pharmaceuticals, Inc. and Sanofi.

Our program aims to enhance clinicians’ ability to identify and apply evidence-based strategies to inform treatment selection or adjustments and reduce the occurrence of exacerbations; improve patient-centered communication and education to promote an increase in treatment adherence rates; and design treatment regimens that incorporate guideline recommendations and emerging clinical trial data. We will use a combination of a didactic lecture, video animations, and patient cases to effectively teach clinicians who manage this condition.  
Faculty:  
Diego J. Maselli, MD, FCCP  
Michael E. Wechsler, MD, MMSc  
Registration link: www.MLG-ASTHMA.com

**Optimizing the Management of EoE: Key Insights from the Allergist’s Perspective**

Sunday, February 26, 6:30 to 8:00 am  
Hyatt, Fourth Floor, Texas A  
This educational activity is supported by an educational grant from Regeneron Pharmaceuticals, Inc. and Sanofi.

Eosinophilic esophagitis (EoE) remains underrecognized and undertreated despite an increasing prevalence. Join us to hear allergist insights on the latest clinical data on new and emerging therapies that target the underlying triggers of this disease.  
Register today: https://www.clinicaloptions.com/EoEinSanAntonio2023

**Preparing for an Expanded Armamentarium for Food Allergy**

Sunday, February 26, 6:00 to 8:00 am  
Hyatt, Fourth Floor, Texas D  
Supporter: Genentech, A Member of the Roche Group  
Provided by: Physicians’ Education Resource  
This program will take a deeper dive into the impact of food allergy, current management strategies for patients and new and emerging treatment options that can potentially impact the future of care. Cases will be presented to emphasize clinical pearls that can be applied to learners’ practice.

**Unlocking the barriers of HAE: How do we improve clinical outcomes for patients?**

Sunday, February 26, 6:30 to 8:30 pm CST  
Hyatt, Fourth Floor, Texas D  
Sponsored by CSL Behring

Join Prof. Riedl, Prof. Maurer, and Dr. Busse in an exciting interactive symposium focusing on managing patients with hereditary angioedema (HAE) and sharing best practices. HAE is highly debilitating, and may significantly affect a person’s quality of life and mental well-being. When left untreated, it is potentially life-threatening. Early intervention and optimized HAE management approaches are essential to prevent unfavorable outcomes and reduce HAE’s negative impact on patients’ lives. This symposium will explore the overall burden of HAE and provide guidance on identifying opportunities to improve patient treatment outcomes and experience.

**Reframing Rescue Therapy to Help Prevent Asthma Exacerbations**

Sunday, February 26, 6:30 to 8:30 pm CST  
Hyatt, Fourth Floor, Texas D  
Sponsored by AstraZeneca

Join us as we discuss asthma burden in the United States. Attendees will gain an increased understanding of the role of variable airway inflammation in the occurrence of severe exacerbations and consequent burden of systemic corticosteroid exposures for patients with asthma; how composite control tools such as the Asthma Impairment and Risk Questionnaire (AIRQ®) can better assess asthma control and help predict future exacerbations; patient preferences for immediate symptom relief; and recent recommendations from GINA and NAEPP. Data on a new rescue therapy treatment option will be reviewed.

Faculty:  
Bradley Chipps, MD, Capital Allergy and Respiratory Disease Center  
Kevin Murphy, MD, Boys Town National Research Hospital  
Nina Ramirez, MD, FAAAAI, FCCP, Nova Southeastern University Dr. Kiran C. Patel College of Osteopathic Medicine  
Autumn Burnette, MD, FACAAI, Howard University
Other Meetings and Events

Product Theaters

Friday, February 24

These programs are not certified for continuing education credit. The content and opinions expressed are those of the sponsor and/or presenter(s) and are not necessarily those of the AAAAI.

Examining the Role of Eosinophils in Severe Asthma
Friday, February 24, 11:30 am to 12:00 pm
Convention Center, Lobby Level, Hall 2
Sponsored by AstraZeneca
Speaker: Justin Greiwe, MD
AstraZeneca invites you to rethink the management of severe uncontrolled asthma. An interactive, case-based presentation will be used to help attendees identify patients with severe eosinophilic asthma in clinical practice and recognize eosinophilic inflammation as a driver of asthma exacerbations, reduced lung function, and corticosteroid exposure. Attendees can learn how to apply the growing science of eosinophils into real-world applications in severe asthma patients.

First and only FDA approved treatment for Eosinophilic Esophagitis (EoE)
Friday, February 24, 1:00 to 1:30 pm CST
Convention Center, Lobby Level, Hall 2
Sponsored by Sanofi and Regeneron
Faculty: Joshua B. Wechsler, MD, MSCI
Take an afternoon break and join us to learn about a treatment option for your appropriate patients with eosinophilic esophagitis. An expert will walk us through clinical data, highlighted alongside a hypothetical patient case!

Systemic Mastocytosis: MASTering a Complex Disease
Friday, February 24, 3:30 to 4:00 pm
Convention Center, Lobby Level, Hall 2
Sponsored by Blueprint Medicines
Speaker: Patricia Lugar, MD, Duke University
Join us to discuss systemic mastocytosis and the role the allergist/immunologist plays in the diagnostic evaluation of this mast-cell driven disease.

Saturday, February 25

These programs are not certified for continuing education credit. The content and opinions expressed are those of the sponsor and/or presenter(s) and are not necessarily those of the AAAAI.

Not Just a Barrier: The Immunological Role of the Skin in Food Allergy
Saturday, February 25, 10:00 to 10:30 am
Convention Center, Lobby Level, Hall 2
Sponsored by DBV Technologies
This program will focus on the immune properties of the skin, especially as they relate to food allergy. Additionally, panelists will discuss the putative mechanism of epicutaneous immunotherapy, a novel approach to allergen desensitization that leverages the skin's immunological functions.

Investigating Eosinophilic Inflammation in Severe Asthma
Saturday, February 25, 12:00 to 12:30 pm
Convention Center, Lobby Level, Hall 2
Sponsored by AstraZeneca
Speaker: Sameer Mathur, MD, PhD
At this session, investigate eosinophils and their critical role in chronic inflammation in severe eosinophilic asthma (SEA). Chronic eosinophilic inflammation may lead to increased disease severity with significant impact on lung function, exacerbations, and associated steroid exposure. Join a discussion on the role of eosinophils in SEA and the importance of understanding eosinophilic inflammation.

A Treatment Option for Patients with Uncontrolled Moderate-to-Severe Atopic Dermatitis
Saturday, February 25, 1:30 to 2:00 pm
Convention Center, Lobby Level, Hall 2
Sponsored by Sanofi and Regeneron Pharmaceuticals, Inc.
Speaker:
Marc Serota, MD, FAAD, FAAAAI, FAAAAI
Dermatology Specialist
Peak Dermatology
Littleton, Colorado
Learn more about a treatment option that may help appropriate patients with uncontrolled moderate-to-severe atopic dermatitis.
Other Meetings and Events

Sunday, February 26

These programs are not certified for continuing education credit. The content and opinions expressed are those of the sponsor and/or presenter(s) and are not necessarily those of the AAAAI.

Type 2 Inflammation in Pediatric Patients
Sunday, February 26, 10:00 to 10:30 am CST
Convention Center, Lobby Level, Hall 2
Sponsored by Sanofi and Regeneron
Faculty: Cedric 'Jamie' Rutland, MD
Join us as we review clinical characteristics of type 2 inflammation in pediatric patients across 3 diseases - asthma, eosinophilic esophagitis, and atopic dermatitis - and explore a potential treatment option for appropriate patients.

Breaking Through the Noise to Understand the Data on an Oral Therapy for HAE Attack Prevention
Sunday, February 26, 12:00 to 12:30 pm
Convention Center, Lobby Level, Hall 2
Sponsored by BioCryst
Presented by: Douglas Jones, MD
Join a leading expert in HAE for an interactive presentation designed to test your knowledge of an oral therapy to prevent HAE attacks.

Product Theater presented by Pfizer Inc.
Sunday, February 26, 1:30 to 2:30 pm
Convention Center, Lobby Level, Hall 2
Sponsored by Pfizer Inc.
Speakers:
Dr. Bob Geng
Dr. James Song
CIBINOQ™ (abrocitinib) for adults with refractory, moderate-to-severe atopic dermatitis. Pfizer Inc., invites you to an engaging, non-CME, educational program during which an atopic dermatitis expert will discuss the efficacy and safety profile of this treatment option, helping you determine its appropriateness for your patients. Full PI available at CIBINOQPI.com.
THE AAAAI FOUNDATION IS PLEASED TO ANNOUNCE THE RECIPIENTS OF OUR 2023 FACULTY DEVELOPMENT AWARDS:

Sara Barmettler, MD
Massachusetts General Hospital
“Immunologic Impact and Risk for Infections in Patients with Secondary Hypogammaglobulinemia”

Alberta Wang, MD, MS
Brigham and Women’s Hospital, Inc.
“Early Life miRNA Programming of Asthma and Allergic Diseases”

Santiago Alvarez-Arango, MD
Johns Hopkins University School of Medicine
“Pathogenesis of Non-IgE-mediated Immediate Drug Hypersensitivity Reactions”

David Hill, MD, PhD, FAAAAI
The Children’s Hospital of Philadelphia
“Contribution of interferon-mediated epithelial cell MHCII expression to EoE”

AAAAl Coding Services
For the expert advice your practice needs, search the AAAAl Coding Question Archive @ www.aaaai.org or email Coding@aaaai.org

“Thank you so much for the quick response. This is exactly what we needed.”
– Heather, practice manager

Learn more at the Practice Management Hub
Convention Center, Lobby Level, Hall 1 Concourse
Because Practice Matters! to the AAAAI
**Associate and Guest Activities**

**Associates (Spouses & Friends) to the AAAAI**
For over 38 years, the Associates (Spouses & Friends) to the AAAAI have provided networking opportunities and events for the spouses and friends to the AAAAI.

Full membership in the Associates is included in each spouse/guest registration fee. Membership includes volunteer opportunities and a chance to participate in the future programming for the Associates.

**Associates (Spouses & Friends) to the AAAAI**
Saturday, February 25 to Monday, February 27
8:00 am to 12:00 pm
**Marriott Rivercenter, Third Floor, Conference Room 5**
Make sure to visit the Associates Hospitality Suite, open Saturday, Sunday, and Monday mornings. A host will be on-hand to assist with restaurant and activity recommendations and to help in making reservations. Stop by, have a cup of coffee, learn more about the city of San Antonio and what to do, and learn more about how you can get involved in the A/I specialty!

**Associates Breakfast and Business Meeting**
Saturday, February 25, 9:00 to 10:30 am
**Marriott Rivercenter, Third Floor, Conference Room 20**
Pre-registration and ticket required
The Associates Steering Committee would like to invite you to begin your Annual Meeting experience by joining up for the Associates Celebration at the Marriott Rivercenter. This breakfast event is open only to spouse/guest attendees (those displaying a delegate or exhibitor badge will not be allowed entry). For guests interested in bringing a child under the age of 17, pre-registration and a ticket is required. Children under the age of 6 are complimentary.
The American Academy of Allergy, Asthma & Immunology Foundation presents the

2023 Named Lectureship Series

Featuring Lectures at AAAAI Annual Meeting Plenary, Keynote and Symposium Sessions In Honor Of:

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Robert F. Lemanske, Jr., MD FAAAAI Lectureship
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Harold S. Nelson, MD FAAAAI
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John W. Yunginger MD FAAAAI Memorial Lectureship
Heritage Lectureship
Honoring Drs. Robert Becker, Jerry Dolovich, Elliot Middleton, John Salvaggio, Burton Zweiman

Supported by an independent medical education grant from AstraZeneca
AAAIAI Foundation Named Lectureships are established to recognize substantial contributions of at least $100,000 to the AAAIAI Foundation through collaborative contributions of others or individual contributions honoring an individual or entity. The AAAIAI Foundation leadership is proud to announce the lectureships and lectureship speakers for the 2023 AAAIAI Annual Meeting.

Biographies and photographs are available at annualmeeting.aaaai.org.

Friday, February 24

AAAIAI Foundation and Bench to Bedside: K. Frank Austen, MD FAAAAI & Albert L. Sheffer, MD FAAAAI Lectureship (4th year)
1601 Presidential Plenary: Paradigm Shifts in Drug Allergy Convention Center, Lobby Level, Hall 2, 1:45 to 3:15 pm
Lecturer: Tanya Laidlaw, MD FAAAAI
New Insights into the Immunopathology of Aspirin-exacerbated Respiratory Disease (AERD)

AAAIAI Foundation and Allen P. Kaplan, MD FAAAAI Lectureship: Creating Knowledge for Our Future (4th year)
1601 Presidential Plenary: Paradigm Shifts in Drug Allergy Convention Center, Lobby Level, Hall 2, 1:45 to 3:15 pm
Lecturer: Elizabeth Phillips, MD FAAAAI FIDSA
Advances in Diagnosis and Management of Severe Cutaneous Adverse Reaction (SCAR)

AAAIAI Foundation and David S. Pearlman, MD FAAAAI Lectureship: Contributing to Discovery and Education (4th year)
1601 Presidential Plenary: Paradigm Shifts in Drug Allergy Convention Center, Lobby Level, Hall 2, 1:45 to 3:15 pm
Lecturer: David A. Khan, MD FAAAAI
Practice Changers from the Drug Allergy Parameter Update

AAAIAI Foundation and Phil and Barbara Lieberman and Friends Lectureship: Investing Together in Our Future (9th year)
2521 Beyond Learning Early About Peanut Allergy (LEAP): National Institute of Allergy and Infectious Diseases (NIAID)-Supported Studies in Peanut Allergy Prevention Convention Center, Ballroom Level, Stars at Night B1, 12:30 to 1:45 pm
Lecturer: Gideon Lack, MD
LEAP Participants: Living with AD Libitum Peanut Consumption

AAAIAI Foundation and Harold S. Nelson, MD FAAAAI Lectureship: Investing Together in Our Future (4th year)
2522 National Institute of Environmental Health Sciences (NIEHS): Exposure: Microbiome Interface in the Pathogenesis of Inflammatory Diseases Convention Center, Ballroom Level, Stars at Night B4, 12:30 to 1:45 pm
Lecturer: Yvonne Huang, MD
Ecological Interactions in Asthma: From Environment to Microbiota and Immune Responses

AAAIAI Foundation and John W. Yunginger MD FAAAAI Memorial Lectureship (3rd year)
2701 Global Vaccines and Vaccinations: The Science vs The Antiscience Convention Center, Lobby Level, Hall 2, 3:30 to 4:30 pm
Lecturer: Peter Hotez, MD PhD
Global Vaccines and Vaccinations: The Science vs The Antiscience

Saturday, February 25

AAAIAI Foundation and Isil Berat Barlan Memorial Lectureship (2nd year)
2521 Beyond Learning Early About Peanut Allergy (LEAP): National Institute of Allergy and Infectious Diseases (NIAID)-Supported Studies in Peanut Allergy Prevention Convention Center, Ballroom Level, Stars at Night B1, 12:30 to 1:45 pm
Lecturer: Corinne Keet, MD MS PhD
Early Peanut Introduction: Translation to Clinical Practice

AAAIAI Foundation and Michael M. Frank, MD FAAAAI Lectureship (4th year)
3101 Atopic Dermatitis - New Insights from Bench to Bedside to Populations Convention Center, Lobby Level, Hall 2, 8:15 to 9:45 am
Lecturer: Richard Gallo, MD PhD
Human Skin Commensal Microbe for Bacteriotherapy of Atopic Dermatitis

AAAIAI Foundation and Donald Y. M. Leung, MD PhD FAAAAI-JACI Lecture: Investing Together in Our Future (11th year)
3101 Atopic Dermatitis - New Insights from Bench to Bedside to Populations Convention Center, Lobby Level, Hall 2, 8:15 to 9:45 am
Lecturer: Mark Boguniewicz, MD FAAAAI
Advances in Treatments for Atopic Dermatitis

Sunday, February 26
Annual Meeting Lectureships

AAAAl Lectureships

Saturday, February 25

The Elliot F. Ellis Memorial Lectureship
2522 Exposure — Microbiome Interface in the Pathogenesis of Inflammatory Diseases
Convention Center, Ballroom Level, Stars at Night B4, 12:30 to 1:45 pm
Lecturer: Stavros Garantziotis, MD
Environmental Exposures Modulate Airway Microbiome in Asthma

The Robert G. Townley Memorial Lectureship
2522 National Institute of Environmental Health Sciences (NIEHS): Exposure: Microbiome Interface in the Pathogenesis of Inflammatory Diseases
Convention Center, Ballroom Level, Stars at Night B4, 12:30 to 1:45 pm
Lecturer: Ian Myles, MD
Isocyanate Exposure Predicts Atopic Dermatitis and Disrupts Therapeutic Pathways in Commensal Bacteria

Sunday, February 26

The Robert A. Cooke Memorial Lectureship
3101 Atopic Dermatitis – New Insights from Bench to Bedside to Populations
Convention Center, Lobby Level, Hall 2 8:15 to 9:45 am
Lecturer: Lynda Schneider, MD FAAAAI
Making the Grading of Recommendations Assessment, Development, and Evaluation (GRADE): Practice Parameter Updates

Monday, February 27

The Hugh A. Sampson Lectureship in Food Allergy
4101 Food Insights: Novel Observations in the Diagnosis and Management of Food Allergy
Convention Center, Lobby Level, Hall 2, 9:30 to 11:00 am
Lecturer: Wayne Shreffler, MD PhD FAAAAI
T Cell Suppression in Peanut Oral Immunotherapy

AAAAl Foundation and Robert F. Lemanske, Jr., MD
FAAAAAI Lectureship (3rd year)
3521 Managing Asthma in Older Adults
Convention Center, Ballroom Level, Hemisfair C1, 12:30 to 1:45 pm
Lecturer: Andrea Apter, MD MA MSc FAAAAI
Community Health Worker Intervention in Older Adults with Asthma

AAAAl Foundation and Gail G. Shapiro, MD FAAAAI
Memorial Lectureship (5th year)
3521 National Heart, Lung, and Blood Institute (NHLBI): Managing Asthma in Older Adults
Convention Center, Ballroom Level, Hemisfair C1, 12:30 to 1:45 pm
Lecturer: Paula Busse, MD FAAAAI
Depression in Older Adults with Asthma

AAAAl Foundation and Dennis K. Ledford, MD FAAAAI & University of South Florida Allergy & Immunology Division Lectureship (5th year)
3521 Managing Asthma in Older Adults
Convention Center, Ballroom Level, Hemisfair C1, 12:30 to 1:45 pm
Lecturer: Nizar Jarjour, MD
Cognitive, Anatomic and Biomarker Changes in Older Adults with Asthma

Monday, February 27

Heritage Lectureship, Honoring Drs. Robert Becker, Jerry Dolovich, Elliot Middleton, John Salvaggio, Burton Zweiman (5th year)
4101 Food Allergy Insights: Novel Observations in the Diagnosis and Management of Food Allergy
Lecturer: Ruchi Gupta, MD MPH
Expanding Our Understanding of Food Allergy: Common but Not Equal in All Races
Convention Center, Lobby Level, Hall 2, 9:30 to 11:00 am

AAAAl Foundation and Richard F. Lockey, MD MS FAAAAI & University of South Florida A/I Program Lectureship (4th year)
4101 Food Allergy Insights: Novel Observations in the Diagnosis and Management of Food Allergy
Convention Center, Lobby Level, Hall 2, 9:30 to 11:00 am
Lecturer: Kari Nadeau, MD PhD FAAAAI
Expanding the Therapeutic Repertoire in Oral Immunotherapy: Novel Knowledge and Implementation
New interactive digital platform.

Engaging member stories.

Impact is your quarterly member magazine featuring the many ways you are advancing the A/I specialty.

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Bullseye

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- Earn credit for researching our articles with the AAAAI’s Internet Point-of-Care (IPOC) Learning

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Join the JACI: In Practice reviewer family!
Contact us at InPractice@aaaai.org to get started.
Awards

**AAAAI Allied Health Professionals Assembly Travel Scholarship Awards ($1,000)**
Funded in part by the AAAAI and Reckitt/Mead Johnson Nutrition.
Cynthia Pye, RN
Arkansas Children’s Hospital
Fallon Schultz, MSW LCSW CAM
International FPIES Association (I-FPIES)
Karen Braden, CPNP RN MS
University of Virginia Medical Center
Caroline Belin, FNP
Beverly Hills Allergy, Cedars Sinai Medical Network

**Allied Health Abstract Travel Award Recipients ($1,000)**
Funded in part by the AAAAI and Reckitt/Mead Johnson Nutrition.
Holly Barber, CPNP
UNC at Chapel Hill
Caregiver Perception of Risk and Auto-Injector Carriage Rates in Multi-Allergic Compared to Mono-Allergic Children: A Long-Term Follow-Up Survey
James Anderson, MLT
Environmental Allergy Assays
The Mystery of Mulberry
Emily English, RN CPNP
The University of North Carolina School of Medicine
Baked Egg Oral Food Challenges: Modifying Decision Points for Success
Sara Voorhees, PhD
University of Florida
Pediatric Patient Participation in Food Allergy Encounters: Provider Practices, Perspectives, Barriers, and Facilitators
Emily Croce, NP
The University of Texas at Austin
Racial Disparities in Burden of Comorbid Asthma and Eczema

**AAAAI/APFED Best Abstract on EGIDs Award**
The award is funded by APFED and provides $750.
Victoria T. Nguyen, DO
Major depression and Suicide: A Common Comorbidity of Eosinophilic Esophagitis
Jonathan M. Spergel, MD PhD FAAAA
Dupilumab improves type 2 comorbidity outcomes in patients with eosinophilic esophagitis and comorbid disease at baseline: from Parts A and B of LIBERTY-EoE-TREET

**FIT Award Recipients - $750**
Ross Tanis, MD
University of Wisconsin
“Comparison of Rhinitis Phenotypes with the Development of Asthma by Age 10 in an Urban Birth Cohort”
Taylor Eddens, MD
UPMC Children’s Hospital of Pittsburgh
“Neonatal Mice Infected with Human Metapneumovirus Demonstrate Th2 Skewing with Primary and Secondary Infection”
Elsa Treffeisen, MD
Boston Children’s Hospital
“The Association between Child Food Allergy and Food Insecurity in the Family Unit”

**Junior Faculty Recipients - $1000**
Alberta Wang, MD MS
Birmah and Women’s Hospital
“Early Life miRNA Programming of Asthma and Allergic Diseases”
Abigail Lang, MD
Ann and Robert H. Lurie Children’s Hospital
“Impact of Tryptase Gene Composition as a Potential Biomarker of Food Allergy Reaction Severity”

**AAAAI Interest-Section Fellow-in-Training (FIT) Abstract Award Recipients**
**Anaphylaxis, Dermatology and Drug Allergy (ADDA)**
Ragha V. Suresh, MD
John Hopkins Asthma & Allergy Center
“The BTK Inhibitor Acalabrutinib Reduces or Eliminates Clinical Reactivity during Oral Challenge to Peanut in Allergic Adults”

**Asthma Diagnosis and Treatment Interest Section (ADT)**
Sana Patel, MD
University of Washington
“Epithelial-Associated Inflammatory Pathways Underlie Residual Asthma Exacerbations in Urban Children Treated with Mepolizumab Therapy”

**Basic and Clinical Immunology (BCI)**
Priya K. Patel, MD
University of South Florida Morsani College of Medicine
“Evaluation of a Panel of Cellular Biomarkers for Immune Dysregulation in Inborn Errors of Immunity”

**Environmental and Occupational Respiratory Diseases (EORD)**
Lynn H. Bimler
Baylor College of Medicine
“Developing a Chronic Model of Candida Albicans Cerebral Mycosis through Gut Colonization”

**Food Allergy & Eosinophilic Disorders (FAED)**
Ashley Sang Eun Lee, MD
Icahn School of Medicine at Mount Sinai
“Baseline Epiptope-Specific IgE Profiles are Predictive of Sustained Unresponsiveness One Year Post OIT in the POISED Trial”

**Health, Equity, Technology and Quality (HETQ)**
Elsa R. Treffeisen, MD
Boston Children’s Hospital, Harvard Medical School
“The Association Between Child Food Allergy and Food Insecurity in the Family Unit”

**Immunotherapy, Rhinitis, Sinusitis and Ocular Diseases (IRSO)**
Junqin Bai, PhD
Northwestern University
“Nasal Polyg Antibody Secreting Cells Have Features of Long-Lived Plasma Cells and Frequently Produce Autoantibodies and IgE”

**Mechanisms of Asthma and Allergic Inflammation (MAAI)**
Ryuusuke Hayashi, MD
Mayo Clinic Arizona
“The Network of Epithelial Cells and ILC2s Involving Acetylcholine and Muscarinic Receptors Promote Type 2 Immune Responses to Inhaled Allergen”
Awards

2023 International Travel Scholarships
The following international in-training members have been awarded International Travel Scholarships to attend the Annual Meeting. The 2023 International Travel Scholarships are funded by the AAAAI and selected by an ad hoc panel of International Fellows.

Asia
Onnicha Chaiseksamphan, MD
King Chulalongkorn Memorial Hospital
Thailand

Bahrul Fikri, MD PhD
Department of Pediatrics, Airlangga University
Indonesia

Supamas Harintajinda, MD
Ramathibodi Hospital, Mahidol University
Thailand

Tharida Khongcharoensombat, MD
King Chulalongkorn Memorial Hospital
Thailand

Jeongmin Song, MD
Kyung Hee University Hospital
Korea

Keawalee Thamjamaratsri, MD
Ramathibodi Hospital, Mahidol University
Thailand

Europe
Yasutaka Mitamura
University of Zurich
Switzerland

Kelsea C. Chen
Brian T. Cheng
Ka Ho Cheung, MD
Humdoon Choudhry, MD MS
Alexandro Chu
Thomas E. Comerford, IV, DO
Priscilla Cunha, MD
Stuti Dalal
Anandu Dileep, DO
Daniela R. Dziuzynski
Melanie K. Donahue, MD
Emily M. Engelhardt, MD
Jenna Essink, MD
Sofianne Gabrielli, MSc
Maxwell Green, MPH
Cynthia S. Haddad, MD
Adam J. Haines, MD
Benjamin Hamel, MD
Kyaw Zin (Kennis) Htet
Jared T. Iding
Madhuri Indaram, DO
Valerie Jaroenpuntaruk, MD
Emilio Jauregui, MD
Rajshri Joshi, DO PhD
Kyle N. Jungles, MD
Katarzyna Karpinska-Leydier, MD
Wajihah Kazmi
Anne Kim
Sylvia Li, MD
Jennifer Lor
Emma Materne, MD
Ashna Mehra, DO
Hang P. Nguyen
Timothy H. Nguyen, DO
Rachel Odin, MD
Yasmine Oprea
Daniel O'Shea
Ashley Otto, MD
Charity Owusu-Asare, MD
Peggy Palsgaard
Kristen Park
Malina C. Patel, MD
Prarthana Patel, MD
Puja Patel, MD
Adam M. Pearlstein, DO
Lauren Perlman
Christina Phan, MD
Grace Rabinowitz
Karishma Raju, MD
Justin Rashtian, MD
James P. Senter, MD MPH
Hannah Shin, MD
Cody D. Shopper, DO
Victoria Shum, MD
Hannah E. Steenblock
Benjamin C. Stewart-Bates, DO
Nadia Sultan, MD
Andrew D. Supron, MD
Gail Tan, MD
Megha Tandon
Nigil Thaismurjil, DO
Krizia Marie Trasmonde, DO
Scout M. Treadwell
Abigail Troy, DO
Hao Tseng, MD
Natsumon Udomkittivorakul, MD
Kit Visitsunthorn, MD MMSc
Michel Wakim
Jasmin Wali, DO MS
Madalyn E. Walsh, MD
Sydney Warner
Allison Weisnicht, MD
Nickle Welch, MD
Ashley Y. Wu, MD
Matthew E. Wyke, MD
Chris Young
Serena Zadoo, MD
Catherine K. Zhu
Elena Zidan, MD

2023 Domestic Fellow-in-Training Travel Scholarships
The FIT Travel Scholarships are open to fellows-in-training in the United States and Canada.

Samer Abdelkader, DO MPH
Rachel A. Abrego, MD
Nutchaya Amornruk, MD
Nonie S. Arora, MD MBA
Meaghan Bank, MD
Adam M. Bartholomeo, MD
Jennifer Battaglia, MD
Padmanabha S. Bhatt, MD MBBS BSc
Jodi-Marie Brown, MD
Allyson Burkhart DeNora, MD
Katherine Caid, MD

2023 Medical Student and Resident Travel Scholarships
The Medical Student and Resident Scholarships are open to medical students and residents in the United States and Canada.

Awardees

Arabelle Abellard, MD
Laura E. Abrego Sr., MD MClinSci
Edsel M. Abud, MD PhD
John J.O. Accarino, MD
Fiona R. Adame, DO
Michael J. Adame, MD
Toni S. Aflahan, MD MPH
Ariela Agress, MD
Ozge Nur Aktas, MD
Suhita Alluri, MD
Rawaa K. Alnabulsi, MD
Ibtihal Aloitaibi, MD
Nouf Alsaati, MD MBBS MMSc
Melissa Anderson, MD
Ayman Aouthmany, MD
Talia Arceri, MD
Sadhanal Balasubramanyam, MD
Ramyab Alijepally, MD
Abhilasha Banerjee, MD
Caroline Basta, DO
Ami Belmont, MD
Joshua S. Bernstein, MD
Jenyfeer Blanco, MD
Melissa Bloodworth MD PhD
Kesler J. Bourgoyne, MD
Awards

2023 Domestic Fellow-in-Training Travel Scholarships (continued)

Kelly K. Boyd, MD
Anna Brameli, MD
Jennifer A. Brennan, DO
Rebekah L. Browning, MD PhD
Martin Caha, MD
Wesley Cain, DO
Sarah Chameseddine, MD
Tae Y. Chang, MD
Alexandra J. Chastant, MD
Chongjia Chen, MD
Stanley H. Cheng, DO
Diana Chernikova, MD PhD
Jennifer Chester, MD
Wai-Tim Chew, MD
Krishan Chhiba, MD
Chioma Chime, MD
Aaron T. Chin, MD
Patricia J. Choi, MD
Christian M. Coletta, MD
Ellen Conroy, MD
Natasha Correa, MD
Gregory S. Della Penna, Jr., DO
Althea Marie Diaz, MD
Ryan S. Din, MD
Tejaswi S. Dittakavi, DO
Michael D’Netto, MD
Dieu Doan, MD
Ali Doroudchi, MD
Harris Droghini, MD
Charlene M. Dunaway Altamirano, MD
Theresa B.L. Dunham, MD
Rebecca M. Duron, MD
Emily Dzoba, MD
Taylor J. Eddens, MD
Sofia E. Edwards-Salmon, MD
Laurent Ehrlich, MD PhD
Sabine Eid, MD
Sara S. Ellingwood, MD
Omar H. Elsayed-Ali, MD
Jelena S. Eremija, MD
Joshua D. Eubanks, MD
Ejiofor Ezekwe Jr., MD PhD
Alick Feng, MD
Natalia S. Fernandez Davila, MD
Jenika Ferretti-Gallon, MD
Lauren A. Fili, DO
María A. Forero Molina, MD
Lauren Franzblau, MD
George E. Freigeh, MD, MA
Susumu Fukahori, MD PhD
Courtney L. Gaberino, MD
Stanislaw J. Gabryszewski, MD PhD
Akaansha Ganju, MD
Yasamin N. Ghiasi, MD
Elizabeth A. Gilje, MD
Alexander M. Gilmore, MD
Brian Goodman, MD
Ana Luiza O. Graneiro, MD
Benjamin H. Greiner, DO MPH
Rebecca Grohman, DO
Lauren M. Gunderman, MD
Geoffrey F. Hall, DO
Walaa Hamadi, MD
Joshua S. Hanau, MD
Albana Harizaj, MD
Hannah Harrison, MD
Stella Hartono, PhD MD
Michael Hauk, MD
Nina Hein, MD
Katherine E. Herman, MD PhD
Justin C. Hseuh, MD
George X. Huang, MD
Jenny Huang, MD
Madiha Huq, MD
An V. Huynh, MD
Kelsey Ige, MD
Kamran H. Imam, MD
Rim Ishak, MD
Leah L. Ishmael, DO
Mridula A. Jacob, MD
Alyssa E. James, MD
Maggie Jiang, MD
Jasper Johar, MD
Sarah R. Johnson, MD
Jenna Jung, MD
Yela Jung, MD
Simran Jutla, MD
Rayan N. Kaakati, MD
Amanpreet Kalkat, MD
Lauren Kaminsky, MD PhD
Malvika Kapoor, MD
Levi J. Keller, MD
Sevduner Keskin, MD
Muhammad B. Khalid, MD
Shivani Khanna, MD
So Lim Kim, MD
Nikki H. Kim, MD
Seth T. Knight, MD
Rebecca Koenigsberg, DO
Sterling Kosmach, DO
Mansi Kotwal, MD
Nicole Koutlas, MD
Matthew S. Krantz, MD
Radimir Kratchmarov, MD
Yana Kryvokhyzha, DO
Stephanie A. Kubala, MD
Elizabeth A. Kudlaty, MD
Veronica Kwiatkowski, MD
Ryan LaHood, MD
Stephania Laret, MD
Valerie H. Le, MD
Ashley Sang Eun Lee, MD
Jenny J. Lee, MD
Michael C. Lee, DO
Sarah Leo, DO
Jennifer C. Li, MD
Jane Liao, MD
Christine J. Licata, MD
Michell M. Lozano Chinga, MD
Jessica MacDougal, MD
Aimee Magnarelli, DO
Stacey Mahady, DO
Sultan Majid, DO
Thomas A. Makin, MD
Nurbek Mamibetsariev, MD PhD
Nivelthietha Maniam, MD
Giulia M. Martone, MD
Shawn K. Mathew, DO
Dexter A. Matrana, DO
Mayumi Matsunaga, MD
Amanda McIntyre, MD
Geneva Mehta, MD
Mehek Mehta, MD
Sarah Mehta, MD
Gabriel Mendoza, MD
Melissa Mendoza Suyo, MD
Christelle Mirot, MD
Sunjay Modi, MD
Paula M. Mohyi, MD
Rose Monahan, MD
Caitlan Murphy, MD
Anum F. Muzaffar, MD
Lakshmi Satya S. Nagireddi, DO
Pavan Nataraj, MD
Alexandra Navard-Keck, MD
Katharine J. Foster Nehme, MD
Cody S. Nelson, MD PhD
Michael Z. Nevid, MD
Cindy M. Nguyen, DO
Minh Nguyen, DO
Vinith T. Nguyen, MD
Mengwei Ni, MD
Sarah M A Nimri, MD
Maxwell Norris, MD
Sebastian Ochoa, MD
Dana O’Toole, MD
Jeremy Owens, MD
Bimaljit Pangli, MD
Maxwell Norris, MD
Gaytri Patel, MD
Pooja Patel, MD
2023 Domestic Fellow-in-Training Travel Scholarships (continued)

Priya Patel, MD
Priya K. Patel, MD
Sana Patel, MD
Jodan A. Pathinathan, MD
Amudha Pazhanisamy, DO
Grant Pickett, MD
Jessica H. Plager, MD
Vanessa Polito, MD
Adam S. Price, MD
Erika N. Raley, MD
Lourdes G. Ramirez, MD
Ruchit R. Rana, MD
Prudhvi Regula, MD
Whitney Reid, MD
Michelle Dilley Revier, MD
Marvi Rizwan, MD
Emily S. Robbins, DO
Devyn L. Rohlfis, MD
Karina Rotella, MD
Christine Rubeiz, MD
Maria A. Sacta, MD PhD
Nina Sadigh, MD
John E. Salomone, MD
David A. Sanchez, MD
Armen Sanosyan, MD PhD
Nicholas Scanlon, MD
Madeline M. Schutt, MD
Stephen A. Schworer, MD PhD
Sybelle M. Serrano-Santiago, MD
Ami Shah, MD
Iasma Shah, MD
Ashwin K. Shankar, DO
Mara N. Shapero, MD
Kelly S. Shibuysa, MD
Nadia Shobnam, MD
Prayga Shrestha, MD
Nicole K. Sosa-Castellanos, MD
Shannon J. Sotoudeh, MD
Florian Stehlin, MD
Ellen D. Stephen, MD
Alanna B. Stinson, MD
Juliana B. Sullivan, DO
Annya Suman, MD
Ragha V. Suresh, MD
Aimee Sutherland, MD
Silpa T. Taunk, MD
Elsa R. Treffeisen, MD
Brit Trogen, MD
Chioma Udembga, MD
Bryrne Underwood, MD
Wyatt A. Verplaetse, MD
Ban Wang, MD
Laura Ann Wang, MD
Ziwei Wang, MD
Ashley Willis, MD
Nicole L. Wolfset, MD
Omar Yamak, MD
Adrienne Yancey, MD
Irene H. Yuan, MD
Jose L. Zamora-Sifuentes, DO
Justyna Zybaczynska, MD

2023 PhD Travel Scholarships

The PhD Travel Scholarships are open to non-faculty PhD post-doctoral fellows and PhD students/candidates working on A/I related topics with an affiliated A/I program in the United States or Canada.

Funded by the AAAAI.

Junqin Bai, PhD
Jared Brooksby
Naomi Bryant, MS
Casey G. Cohen
Grace Cushman, PhD
Arya Dahal
Eskezeia Y. Dessie, DO PhD
Stanley B. DeVore
Melissa L. Engel
Miguel Gonzalez Visiedo, PhD
Jung Yeon Han
Hiroaki Hayashi, MD PhD
Ryusuke Hayashi, MD
Naruhito Iwasaki, MD PhD
Min-Jhen Jieng
Jyoti K. Lama
Jessica Lee
Anish R. Maskey
Kieran J. Phelan
Catherine R. Pizzarello
Priyanka Ravi
Caroline Roberts, PhD
Aaron D. Schwab
Nicholas Vonniessen
Stephanie Zawada

2023 AAAAI/EAACI Reciprocal Travel Grants

Each year, AAAAI sponsors two EAACI junior members to attend the AAAAI Annual Meeting, and in turn, EAACI sponsors two AAAAI fellows-in-training to attend the EAACI Congress.

Carmen Riggioni Viquez, MD
University of Barcelona
Barcelona
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Continuing Education and Accreditation

Two types of continuing education credit will be available for participants in the 2023 AAAAI Annual Meeting: AMA PRA Category 1 CME Credits™ for physicians and Continuing Education (CE) contact hours for nurses. Not all Annual Meeting sessions may offer credit, and of those that do, not all may offer both CME and CE.

Credit Claiming: Continuing education credits and attendance certificates can be claimed online beginning Thursday, February 23, 2023 using the link provided on the Annual Meeting website and in the mobile app. Credit claiming will be available through December 31, 2023.

Physicians – Continuing Medical Education (CME) Credits

Accreditation Statement
The American Academy of Allergy, Asthma and Immunology (AAAAI) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation
The AAAAI designates this Other activity (combination of live activity and recorded online content) for a maximum of 251.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The American Medical Association has determined that physicians not licensed in the U.S. who participate in this CME activity are eligible for AMA PRA Category 1 Credits™.

Target Audience
The AAAAI Annual Meeting is designed for clinicians, researchers, trainees/students and allied health professionals involved and/or interested in the study of allergy, asthma and immunology.

Program Objective
Upon completion of the AAAAI Annual Meeting, participants should be able to discuss the latest advances in the research, diagnosis and treatment of allergic and immunologic disease. Please refer to the individual session descriptions in this program for session-specific learning objectives.

ABAI – Continuing Medical Education (CME) Credits

The American Board of Allergy and Immunology (ABAI) requires diplomates to attest to obtaining 25 AMA PRA Category 1 CME Credits™ in allergy/immunology each year. AAAAI reports all CME credits it issues to physician learners to the ABAI on a quarterly basis, to be posted in learners’ diplomate portals. For more information about credit requirements for ABAI Maintenance of Certification, visit the ABAI website at https://abai.org/cme.asp.

Allied Health – Continuing Education (CE) Credits

Nurses – Continuing Education (CE) Contact Hours
The American Academy of Allergy, Asthma & Immunology (AAAAI) is a Provider, approved by the California Board of Registered Nursing, Provider #10704, for up to 251.00 Contact Hours.

Advanced Practitioners
The AAPA, ANCC and AANP accept reports from advanced practitioners of their participation in activities offering AMA PRA Category 1 Credits™ for continuing education and credentialing purposes. For more information, please contact the appropriate organization.

Pharmacists

Accreditation Statement
In support of improving patient care, this activity has been planned and implemented by Amedco LLC and American Academy of Allergy, Asthma & Immunology. Amedco LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Pharmacists and Pharmacy Technicians (ACPE) Credit Designation
This activity has been approved for knowledge-based CPE contact hours.

NOTE to Pharmacists: The only official Statement of Credit is the one you pull from CPE Monitor. You must request your certificate within 30 days of your participation in the activity to meet the deadline for submission to CPE Monitor.

Registered Dietitians

The Commission on Dietetic Registration accepts reports from registered dietitians of their participation in activities offering AMA PRA Category 1 Credits™ for continuing education and credentialing purposes. Contact the CDR for details on how to report completion of these activities.

Medical Administrators

Practice administrators who attend the 2023 AAAAI Annual Meeting may apply for credit through the American College of Medical Practice Executives (ACMPE). For additional information, please contact the Medical Group Management Association at www.mgma.com.

Target Audience
Health care professionals who assist with and provide care to persons with asthma, allergic and immunologic diseases, specifically: RNs, LPNs, nurse practitioners, physician assistants, respiratory therapists, medical technologists, medical assistants, clinical research coordinators, and practice managers/administrators.

Learning Objectives
Upon completion of the AAAAI Annual Meeting, participants should be able to discuss and expand upon the latest advances in medications, equipment and procedures necessary to promote health for their patients; describe and discuss new therapies, information, patient care and education in the field of allergy, asthma and immunology; identify new approaches to clinical research which will improve efficiency and effectiveness; and discuss coding and other administrative aspects of a medical practice. Please refer to the individual session descriptions in this program for session-specific learning objectives.
The AAAAI Family of Journals

*Leading the Way in Allergy / Immunology Research Since 1929*

The American Academy of Allergy, Asthma & Immunology (AAAAI) is the leader in allergy/immunology research and is proud to publish three official journals featuring the latest scientific breakthroughs, allowing us to provide optimal care to our patients.

Visit the Journals booth near the Member Resource Center in San Antonio to learn more about the AAAAI family of journals and pick up your complimentary copies.

Respected worldwide, *The Journal of Allergy and Clinical Immunology* is the most cited journal in the field of allergy and clinical immunology, focusing on clinical medicine and basic science.

Covering original research in allergy and immunology, basic science, Phase I/II clinical trials, population studies, and more from around the world, *JACI: Global* is the AAAAI's Gold Open Access Journal.

Covering the spectrum of diseases in allergy/immunology, The Journal of Allergy and Clinical Immunology: *In Practice* has been providing practical clinical research and the latest recommendations for diagnosis and treatment for a decade.

Visit the Journals booth near the Member Resource Center in San Antonio to learn more about the AAAAI family of journals and pick up your complimentary copies.
Introduction to Track Sessions

Sessions Tracked by Topic
To help you navigate the 225+ sessions in the Annual Meeting program, the index on the following pages lists all of the education sessions by topic. The topic categories include:

- Allergens/Allergy Testing/Allergy Therapeutics
- Allergic and Immunologic Skin Diseases
- Allergy Office Practice
- Anaphylaxis/Urticaria/Angioedema
- Asthma
- Autoimmune/Autoinflammatory Disorders
- Drug/Insect Allergy/Vaccines
- Food Allergy
- Immune Mechanisms
- Immunodeficiency
- Lung Diseases Other than Asthma
- Mast Cell/Eosinophilic Disorders
- Research Principles
- Rhinosinusitis/Ocular Allergy
- Training and Career Development

These categories are included in the session descriptions in the Online Program as well. Use this index to tailor your Annual Meeting agenda to best meet your learning needs and answer your questions about your practice.

2023 Clinical Theme: Optimizing Scope of Practice
All education sessions related to the Annual Meeting clinical theme are highlighted in light red. Theme-related sessions include plenaries, symposia, workshops, and seminars throughout the meeting.

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Introduction to Track Sessions

**Allergens/Allergy Testing/Allergy Therapeutics**

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### Lung Diseases Other than Asthma

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<tr>
<td>2552</td>
<td>Patients with Secondary Hypogammaglobulinemia Need to Be on Immunoglobulin (IgG) Supplementation When Their IgG Is Below 400</td>
</tr>
<tr>
<td>2806</td>
<td>Secondary Hypogammaglobulinemia</td>
</tr>
<tr>
<td>3303</td>
<td>Cytopenias in Patient with Inborn Errors of Immunity: Diagnosis and Treatment Dilemma</td>
</tr>
<tr>
<td>3510</td>
<td>Genetics of Atopy: Is Hyper-IgE Different from Allergy?</td>
</tr>
<tr>
<td>3512</td>
<td>Allied Health: Diagnostic Quandaries: Is it an Immunodeficiency?</td>
</tr>
<tr>
<td>3703</td>
<td>BCL: I Found a Handful of Variants of Uncertain Significance (VUS), Now What?</td>
</tr>
<tr>
<td>5206</td>
<td>The Neonatal Fc Receptor (FcRn) Antagonists as a Novel Cause of Hypogammaglobulinemia</td>
</tr>
<tr>
<td>5501</td>
<td>Health Disparities in Immune Deficiency</td>
</tr>
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</table>

### Research Principles

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
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<tbody>
<tr>
<td>1203</td>
<td>From Bed to Benchside: Leveraging Molecular and Epidemiological Research to Understand Disease Mechanisms</td>
</tr>
<tr>
<td>1204</td>
<td>Meeting of the Omics: The Future of Discovery and Clinical Care in Allergy</td>
</tr>
<tr>
<td>1208</td>
<td>Quality Improvement, Adherence and Outcomes Projects from Start to Finish</td>
</tr>
<tr>
<td>1531</td>
<td>Funding Opportunities for Your Allergy/Immunology Research Career</td>
</tr>
<tr>
<td>1803</td>
<td>Educational and Quality Improvement Initiatives That Empower Generalists to Provide High-Value Care</td>
</tr>
<tr>
<td>2007</td>
<td>Can a Healthy Gut Improve Allergic Diseases?</td>
</tr>
<tr>
<td>3008</td>
<td>What is the Current Status of Automated Pollen Counters?</td>
</tr>
<tr>
<td>5801</td>
<td>Allied Health: Clinical Research: IRBs, GCP, CROs and EDCs: Making Sense of the Regulatory Alphabet Soup</td>
</tr>
</tbody>
</table>
Introduction to Track Sessions

Rhinosinusitis/Ocular Allergy

1209 Cellular Players in Chronic Rhinosinusitis with Nasal Polyps and in NSAID-Exacerbated Respiratory Disease (N-ERD)
1532 Bench to Bedside in Non-Allergic Rhinitis: The Pathophysiology Underlying Current and Novel Therapeutics for the Future
2813 Introductory Rhinolaryngoscopy Workshop with Hands-On Learning
3009 Evaluation and Screening for Sleep Apnea and Other Sleep-Related Conditions in Chronic Rhinosinusitis
3308 The Epithelium in Health and Disease and the Underlying Mechanisms of Chronic Rhinosinusitis
3508 When Should Endoscopic Sinus Surgery Be Considered for Chronic Rhinosinusitis Patients?
3552 Biologics Should Be Used Before Aspirin Desensitization in Aspirin Exacerbated Respiratory Disease (AERD)
3707 IRSO: A Panel of Experts for Guidance of Biologics in Chronic Rhinosinusitis with Nasal Polyps (CRSwNP)
4008 Selection of Biologics for Treatment of the Unified Airway
4703 Performing an Aspirin Desensitization for Aspirin-Exacerbated Respiratory Disease
5409 2022 Joint Task Force Sinusitis GRADE Practice Parameter Update—Choose Your Own Recommendation!
5605 Dupilumab-Associated Conjunctivitis
5606 Allergic Fungal Rhinosinusitis, Optimal Medical and Surgical Management

Theme Sessions: Optimizing Scope of Practice

1203 From Bed to Benchside: Leveraging Molecular and Epidemiological Research to Understand Disease Mechanisms
1204 Meeting of the Omics: The Future of Discovery and Clinical Care in Allergy
1206 Effects of Climate Change on Health: Practical Information and Strategies for Climate Change Communication
1210 Diagnosing and Managing Non-Respiratory Comorbidities in Asthma
1506 Systems Biology Approaches to Better Diagnose, Endotype and Treat Allergic Diseases
1507 Biomarkers for the Response to Allergen Immunotherapy
1521 Airways Disease That is Not Asthma: Exposures, Diagnosis and Treatment
1805 Incorporating Exercise into the Management of Asthma Across the Lifespan
1806 Expanding the Scope of Allergy/Immunology Practice: Genetics in the Diagnosis and Management of Immunologic Disease
2002 Asthma Digital Health Tools and Opportunities for Artificial Intelligence-Based Risk Prediction
2009 Intralymphatic Immunotherapy (ILIT): The Future of Allergen Immunotherapy is Here: A Global Perspective
2301 World Allergy Forum: New Treatments for Difficult to Treat Inflammatory Diseases—Biologics and Small Molecules
2303 Hot New Defects in Clinical Immunology
2306 Emerging Diagnostic and Monitoring Approaches in Eosinophilic Gastrointestinal Diseases (EGID)
2401 Patch Testing: Basics and Beyond
2402 Current and Emerging Digital Technologies in Asthma
2509 Inside the Black Box: Tools to Quantify Altered Immune Function in the Inborn Error of Immunity Patient
2510 Diagnostic and Treatment Guidelines for Severe Combined Immunodeficiency (SCID) and Related Disorders
2804 Hands-On Skin Biopsy for Allergists
2810 Eosinophilic Gastrointestinal Disorders (EGID) Below the Esophagus: What is New in Diagnosis?
2813 Introductory Rhinolaryngoscopy Workshop with Hands-On Learning
3002 A Practical Guide to Biomarker Driven Management of Pediatric Asthma
3005 The Science of Fecal Microbiota Transplant in Food Allergy
3006 Building a Chemotherapy Allergy Evaluation Program into Your Outpatient Practice
3009 Evaluation and Screening for Sleep Apnea and Other Sleep-Related Conditions in Chronic Rhinosinusitis
3303 Cytopenias in Patient with Inborn Errors of Immunity: Diagnosis and Treatment Dilemma
3304 Using Drug Allergy Expertise to Improve Patient Care in Other Specialties

Training and Career Development

0001 37th Annual Harold B. Nelson Military Allergy/Immunology Symposium
0601 2023 ABAI Continuous Assessment Program Literature Review Course
1011 2023 FIT Symposium
1012 2023 Chrysalis Project Program (Invitation Only)
1110 Program Directors Assembly Boot Camp: Developing and Maintaining Excellence in Allergy/Immunology (A/I) Fellowship Training Programs
2405 Career Paths in Allergy and Immunology
5307 Expert’s Journal Club: Impactful Papers in Allergy/Immunology (A/I)
### Theme Sessions: Optimizing Scope of Practice, cont.

<table>
<thead>
<tr>
<th>Session Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>3306</td>
<td>Geospatial Sciences: Insights into Asthma</td>
</tr>
<tr>
<td>3505</td>
<td>COVID-19 Testing: What is the Role of the Allergist/Immunologist in Guiding Clinical Testing?</td>
</tr>
<tr>
<td>3507</td>
<td>Quality Improvement, Big Data and Healthcare Outcomes: How to Leverage Partnerships to Advance Quality Care</td>
</tr>
<tr>
<td>3521</td>
<td>National Heart, Lung, and Blood Institute (NHLBI): Managing Asthma in Older Adults</td>
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<tr>
<td>4007</td>
<td>Integrative Medicine Treatment Modalities for Long COVID-19</td>
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<tr>
<td>4010</td>
<td>Allergy to Biomedical Implants</td>
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<tr>
<td>4101</td>
<td>Food Allergy Insights: Novel Observations in the Diagnosis and Management of Food Allergy</td>
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<tr>
<td>4301</td>
<td>Th2 Skin Diseases: Atopic Dermatitis and Beyond</td>
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<tr>
<td>4305</td>
<td>Technology and the Electronic Health Record in Allergy</td>
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<td>4712</td>
<td>Drug Allergy: Going Beyond Penicillin Allergy</td>
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<tr>
<td>5003</td>
<td>Toxicities of Immune Checkpoint Inhibitors: Part 1</td>
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<tr>
<td>5004</td>
<td>Toxicities of Immune Checkpoint Inhibitors: Part 2</td>
</tr>
<tr>
<td>5102</td>
<td>Advancing Asthma Care Through Healthcare Technology: Recent Discoveries and Emerging Challenges</td>
</tr>
<tr>
<td>5201</td>
<td>Optimizing Care with a Multidisciplinary Approach to Immune Dysregulation</td>
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<tr>
<td>5303</td>
<td>Mechanisms of Immune Dysregulation in the Gut</td>
</tr>
<tr>
<td>5407</td>
<td>Evaluation and Management of Reactions to Novel Therapeutics for the Allergist</td>
</tr>
</tbody>
</table>
AAAAI FOUNDATION
Run/Walk
SAN ANTONIO, TX

Are you running for research?

Visit the AAAAI Foundation Booth in the Henry B. González Convention Center to register for the Run/Walk!

For more information, visit https://www.aaaaifoundation.org/special-events/runwalk

Better Health, Brighter Future
### Thursday, February 23, 2023

**Chrysalis Project Welcome and Registration (Invite Only)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 6:00 to 7:00 pm | Marriott Rivercenter, Third Floor, Grand B  
Registration restricted to selected participants of award program. |

### Friday, February 24, 2023

**Course**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 2023 Chrysalis Project Program (Invite Only) | 7:30 am to 1:30 pm  
Marriott Rivercenter, Third Floor, Grand I  
Pre-registration and ticket required. Attendance restricted to selected participants of award program. No fee. Continental breakfast and box lunch included.  
Credit: No CME/CE  
Moderators: Asriani M. Chiu, MD FAAAAI and Rebecca Saff, MD PhD FAAAAI |

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30</td>
<td>Breakfast</td>
</tr>
<tr>
<td>8:00</td>
<td>Welcome from Chrysalis Chairs</td>
</tr>
<tr>
<td>8:15</td>
<td>Welcome from the AAAAI President</td>
</tr>
<tr>
<td>8:30</td>
<td>Immunodeficiency</td>
</tr>
<tr>
<td>8:45</td>
<td>Atopic Dermatitis</td>
</tr>
<tr>
<td>9:15</td>
<td>Food Allergy</td>
</tr>
<tr>
<td>9:45</td>
<td>Break (10 minutes)</td>
</tr>
<tr>
<td>9:55</td>
<td>Asthma</td>
</tr>
<tr>
<td>10:25</td>
<td>Drug Allergy</td>
</tr>
<tr>
<td>10:55</td>
<td>Break (10 minutes)</td>
</tr>
<tr>
<td>11:05</td>
<td>Hot Topics Discussion Sessions</td>
</tr>
<tr>
<td><strong>76</strong></td>
<td><strong>Course</strong></td>
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### Saturday, February 25, 2023

**Course**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>2405</td>
<td>Careers Paths in Allergy and Immunology</td>
</tr>
<tr>
<td>12:00</td>
<td>Lunch</td>
</tr>
<tr>
<td>12:15</td>
<td>Welcome/Intro</td>
</tr>
<tr>
<td>12:25</td>
<td>Academia Clinical &amp; Q/A</td>
</tr>
<tr>
<td>12:35</td>
<td>Academia Research &amp; Q/A</td>
</tr>
<tr>
<td>12:45</td>
<td>Industry &amp; Q/A</td>
</tr>
<tr>
<td>12:55</td>
<td>Government &amp; Q/A</td>
</tr>
<tr>
<td>1:05</td>
<td>Private Practice &amp; Q/A</td>
</tr>
<tr>
<td>1:15</td>
<td>Open Q&amp;A session (30 minutes)</td>
</tr>
<tr>
<td>1:40</td>
<td>Summary (3-5 minutes)</td>
</tr>
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</table>

**Chrysalis Project Reception (Invite Only)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 6:00 to 7:00 pm | Marriott Rivercenter, Third Floor, Grand E  
Private reception open to current Chrysalis participants, Chrysalis mentors, Chrysalis faculty, Chrysalis workgroup members, Program Directors Assembly and AAAAI Board of Directors. Prior RSVP required. |
2023 AAAAI Advocacy Priorities

The AAAAI works independently and in collaboration with other physician and patient organizations. Committed volunteer leaders work with our professional government relations team to deliver unparalleled engagement in pursuit of these priorities:

- Reforming prior authorization and reducing barriers to patient access to care
- Addressing scope of practice and transparency in medical care
- Impacting physician reimbursement
- Countering healthcare disparities and inequities in Allergy/Immunology care
- Reducing physician practice burden
- Increasing federal research funding to improve patient outcomes

Learn more at the Practice Management Hub – San Antonio Convention Center, Lobby Level, Hall 1 Concourse.

Supporting every area of your practice every day

Because Practice Matters! to the AAAAI
### Fellows-in-Training (FIT) Program

**Friday, February 24, 2023**

**Course**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:00</td>
<td>Networking Breakfast</td>
</tr>
<tr>
<td>07:45</td>
<td>Welcome and Introduction</td>
</tr>
<tr>
<td>07:55</td>
<td>Networking Committees and Organizations</td>
</tr>
<tr>
<td>08:15</td>
<td>American Board of Allergy and Immunology (ABAI) Update</td>
</tr>
<tr>
<td>08:35</td>
<td>AAAAI President Welcome</td>
</tr>
<tr>
<td>08:45</td>
<td>What’s New in Management of Antibiotic Allergies</td>
</tr>
<tr>
<td>09:25</td>
<td>Break</td>
</tr>
<tr>
<td>09:40</td>
<td>Diagnosing Contact Dermatitis and Its Mimickers: An Allergy and Dermatology Perspective</td>
</tr>
<tr>
<td>10:20</td>
<td>Four Patient Presentations of Immunodeficiency: The Abnormal Newborn Screen, Recurrent Cellulitis and Abscesses, Recurrent Sinopulmonary Infections, and Recurrent Sepsis</td>
</tr>
<tr>
<td>11:00</td>
<td>Break</td>
</tr>
<tr>
<td>11:15</td>
<td>Eosinophilic Gastrointestinal Disorders: Patient management and When to Consider Biologics</td>
</tr>
<tr>
<td>11:55</td>
<td>How to incorporate Wellness into Fellowship and the Workplace</td>
</tr>
<tr>
<td>12:35</td>
<td>Networking Lunch</td>
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</table>

**FIT Reception**

5:00 to 6:00 pm  
Marriott Rivercenter, Third Floor, Grand E  
Sponsored by DBV Technologies  
Private reception open to current allergy/immunology Fellows-in-Training only.

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**Saturday, February 25, 2023**

**Workshop**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>12:30</td>
<td>Interesting Cases Part I</td>
</tr>
<tr>
<td>12:30</td>
<td>Something to Chew On</td>
</tr>
<tr>
<td>12:35</td>
<td>Eosinophilic Gastrointestinal Disorders: Patient management and When to Consider Biologics</td>
</tr>
<tr>
<td>12:40</td>
<td>Four Patient Presentations of Immunodeficiency: The Abnormal Newborn Screen, Recurrent Cellulitis and Abscesses, Recurrent Sinopulmonary Infections, and Recurrent Sepsis</td>
</tr>
<tr>
<td>13:00</td>
<td>Break</td>
</tr>
<tr>
<td>13:45</td>
<td>Interesting Cases Part II</td>
</tr>
<tr>
<td>13:45</td>
<td>A Perilous Mistake: Methotrexate-induced Epidermal Necrosis Mimicking Stevens Johnson Syndrome</td>
</tr>
<tr>
<td>13:55</td>
<td>EBV+ Diffuse Large B Cell CNS Lymphoma as a Complication of IL2RG SCID</td>
</tr>
<tr>
<td>14:00</td>
<td>A Case of Hypocalcemic Tetany in a Patient with X-linked Agammaglobulinemia</td>
</tr>
</tbody>
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**Sunday, February 26, 2023**

**Workshop**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>12:30</td>
<td>Interesting Cases Part II</td>
</tr>
<tr>
<td>12:35</td>
<td>A Case of Coronary Vasospasm and Eosinophilia</td>
</tr>
<tr>
<td>12:40</td>
<td>Leukotriene Receptor Antagonist Prophylaxis to Food-Dependent Exercise-Induced Anaphylaxis</td>
</tr>
<tr>
<td>12:45</td>
<td>Orofacial Granulomatosis Mimicking Angioedema: a Harbinger of Chronic Myelomonocytic Leukemia?</td>
</tr>
</tbody>
</table>

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American Academy of Allergy Asthma & Immunology  
ANNUAL MEETING  
SAN ANTONIO, TX - FEBRUARY 24–27, 2023
Helping you care for your pregnant patients with allergies and asthma

The Vaccines and Medications in Pregnancy Surveillance System (VAMPSS), facilitated by the AAAAI, studies the safety of vaccines and medications during pregnancy, including biologics used to treat severe asthma and COVID-19 vaccines. VAMPSS and our partners have a myriad of resources to support you in improving the care of your pregnant and lactating patients with asthma.

While you’re in San Antonio:

- Visit MotherToBaby at booth 1282 in the exhibit hall to learn about pregnancy studies for pregnant and lactating women, and gather resources to refer your patients to be a part of this important research.

- Attend this important workshop that includes VAMPSS Principal Investigators
  **Timely Topics: Allergy/Immunology Care for the Pregnant Patient**
  Monday, February 27, 2:15 – 3:30 pm, Convention Center, Ballroom Level, Room 304A
  Moderator: Michael Schatz, MD, MS, FAAAAI
  Speakers: Christina Chambers, PhD, MPH; Jennifer Namazy, MD, FAAAAI; Deborah L. Lee, MD

When you return home:

- Access a pregnancy specific Asthma Action Plan and validated Pregnancy Asthma Control Test from the AAAAI website to use with your patients (developed in collaboration with the Women’s Health A/I committee)

- Refer/apply to be a VAMPSS FIT – this unique program allows FITs interested in the interface between allergy/immunology and reproductive medicine/pregnancy to work with the VAMPSS Investigative Team on a clinical or research project. More information available at https://www.aaaai.org/ApplyVAMPSS
Thursday At-A-Glance

7:00 AM
37th Annual Harold S. Nelson Military Allergy/Immunology Symposium
7:20 am - 3:45 pm

8:00 AM
Basic Aeroallergen Course
8:30 am - 5:00 pm

12:00 PM
Registration
12:00 - 7:00 pm

2:00 PM
2023 ABAI Continuous Assessment Program Literature Review Course
2:30 - 4:30 pm

6:00 AM
AAAAI-0822-494
### Thursday Scientific Program

#### Courses

<table>
<thead>
<tr>
<th>0001</th>
<th>37th Annual Harold B. Nelson Military Allergy/Immunology Symposium</th>
<th>7:20 am to 3:45 pm</th>
<th>Convention Center, Meeting Room Level, Room 225C</th>
<th>Pre-registration and ticket required. Fee: $0 for MAIA members; $75 for non-MAIA members. Credits: 6.25 CME/CE</th>
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<tbody>
<tr>
<td>7:20</td>
<td>Registration and Breakfast</td>
<td>All Participants</td>
<td></td>
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<tr>
<td>7:50</td>
<td>Welcome and Overview</td>
<td>Derek M. Smith, MD</td>
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<tr>
<td>8:00</td>
<td>Eosinophilic Esophagitis: Diagnosis and Treatment Updates</td>
<td>Jonathan M. Spiegel, MD PhD FAAAAI</td>
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<tr>
<td>9:10</td>
<td>Case Reports</td>
<td>All Participants</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:25</td>
<td>Original Research</td>
<td>All Participants</td>
<td></td>
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<tr>
<td>11:10</td>
<td>Defense Health Agency: Immunization Healthcare Division Update</td>
<td>Cecilia Makita, MD MPH</td>
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<tr>
<td>11:40</td>
<td>Military Aeroallergen Extract Laboratory Updates</td>
<td>David J. Schwartz, MD</td>
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<tr>
<td>11:55</td>
<td>Lunch</td>
<td>All Participants</td>
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<tr>
<td>12:15</td>
<td>Common Variable Immunodeficiency (CVID): Diagnosis and Treatment Updates</td>
<td>Charlotte Cunningham-Rundles, MD PhD FAAAAI</td>
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<td>1:20</td>
<td>VHA Allergy Committee</td>
<td>Joseph Yusin, MD FAAAAI</td>
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<tr>
<td>1:40</td>
<td>Air Force</td>
<td>Daniel A. Steigelman, MD</td>
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<tr>
<td>2:00</td>
<td>Army</td>
<td>David J. Schwartz, MD</td>
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<tr>
<td>2:20</td>
<td>Navy</td>
<td>Taylor A. Banks, MD</td>
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<tr>
<td>2:40</td>
<td>Military Implication of EoE Panel Discussion: Air Force Panel Discussion</td>
<td>Daniel A. Steigelman, MD</td>
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<tr>
<td>2:40</td>
<td>Military Implication of EoE Panel Discussion: Army Panel Discussion Speaker</td>
<td>David J. Schwartz, MD</td>
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<tr>
<td>2:40</td>
<td>Military Implication of EoE Panel Discussion: Navy Panel Discussion Speaker</td>
<td>Taylor A. Banks, MD</td>
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<tr>
<td>3:05</td>
<td>Career Development in Allergy</td>
<td>Hans F. Otto, MD FAAAAI</td>
<td></td>
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<tr>
<td>3:35</td>
<td>Business Meeting and Award Presentation</td>
<td>All Participants</td>
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<table>
<thead>
<tr>
<th>0201</th>
<th>Basic Aeroallergen Course</th>
<th>8:30 am to 5:00 pm</th>
<th>Convention Center, Ballroom Level, Room 301A</th>
<th>Pre-registration and ticket required. Fee: $250. Credits: 7.75 CME/CE</th>
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<tbody>
<tr>
<td>8:30</td>
<td>Welcome and Introduction</td>
<td>Estelle Levetin, PhD FAAAAI</td>
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<tr>
<td>8:35</td>
<td>Introduction to Fungal Aerobiology</td>
<td>W. Elliott Horner, PhD FAAAAI</td>
<td></td>
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</tr>
<tr>
<td>9:15</td>
<td>Fungal Spore Morphology</td>
<td>Estelle Levetin, PhD FAAAAI</td>
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<tr>
<td>10:00</td>
<td>Hands-On Microscopy for Fungal Spores</td>
<td>Estelle Levetin, PhD FAAAAI</td>
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</tr>
<tr>
<td>10:00</td>
<td>Hands-On Microscopy for Fungal Spores</td>
<td>W. Elliott Horner, PhD FAAAAI</td>
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</tr>
<tr>
<td>11:40</td>
<td>All Participants</td>
<td></td>
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</tr>
<tr>
<td>12:30</td>
<td>Setting Up a Sampling Station and Demonstration</td>
<td>Andrew C. Rorie, MD FAAAAI</td>
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<tr>
<td>2:00</td>
<td>Pollen Aerobiology I</td>
<td>Richard W. Weber, MD FAAAAI</td>
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<tr>
<td>2:50</td>
<td>Pollen Aerobiology II</td>
<td>Kraig W. Jacobson, MD FAAAAA</td>
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<tr>
<td>3:40</td>
<td>Hands-On Microscopy for Pollen</td>
<td>Richard W. Weber, MD FAAAAI</td>
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<tr>
<td>3:40</td>
<td>Hands-On Microscopy for Pollen</td>
<td>Kraig W. Jacobson, MD FAAAAI</td>
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</tbody>
</table>
Courses (continued)

0501  New Developments in Atopic Dermatitis (AD) and Implications for the Atopic March
1:00 to 5:00 pm
Convention Center, Meeting Room Level, Room 221C
Pre-registration and ticket required. Fee: $10.
Credits: 3.00 CME/CE

1:00  Introduction
Ellen R. Sher, MD FAAAAI

1:10  Differential Diagnosis of Atopic Dermatitis
Jonathan Silverberg, MD PhD MPH

1:30  Immune Pathogenesis: Towards Personalized Medicine
Emma Gutman-Yassky, MD PhD

1:55  The Leaky Barrier: Abnormalities in Keratinocyte Differentiation, Tight Junctions and Lipids
Alan D. Irvine, MD

2:15  Clinical and Molecular Differences in Skin and Blood of Children Compared to Adults
Amy S. Paller, MD

2:35  Infections in Atopic Dermatitis and Implications for Therapy
Carolyn Jack, MDCM PhD

2:55  Break and Refreshments
All Participants

3:15  Emerging Topical Therapies
Robert Bissonnette, MD MSc

3:40  Emerging Systemic Therapies
Eric Simpson, MD MCR

4:00  Prevention Strategies for Atopic Dermatitis and the Atopic March
Ioana O. Agache, MD PhD

4:20  Panel Discussion Question and Answer
All Participants

0601  2023 ABAI Continuous Assessment Program Literature Review Course
2:30 to 4:30 pm
Convention Center, Ballroom Level, Room 302A
Credits: 2.50 CME/CE

2:30  Introduction
David R. Stukus, MD FAAAAI

2:35  Food and Drug Allergy/Hypersensitivity Reaction; Eosinophilic or Gastrointestinal Disorders
Yamini V. Virkud, MD MA MPH FAAAAI

3:25  Dermatologic and Anaphylaxis
John M. Kelso, MD FAAAAI

3:50  Immune Hypersensitivity Disorders and Immunodeficiency
Yasmin W. Khan, MD

4:15  Emerging National Health Priorities
David R. Stukus, MD FAAAAI
Supporting every area of your practice every day

Practice Management Hub

San Antonio Convention Center, Lobby Level, Hall 1 Concourse
Friday noon to 4:00 pm • Saturday 8:00 am to 5:00 pm
Sunday 8:30 am to 4:00 pm • Monday 9:00 am to noon

Expert Office Hours

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td><strong>Friday, February 24, 2023</strong></td>
<td></td>
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<tr>
<td>3:15 to 4:00 pm</td>
<td>Negotiating Your Next Opportunity</td>
<td>Vivian Hernandez-Trujillo, MD FAAAAI</td>
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<tr>
<td><strong>Saturday, February 25, 2023</strong></td>
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<tr>
<td>9:45 to 10:45 am</td>
<td>Coding Conundrums</td>
<td>Teresa Thompson, CPC CMSCS</td>
</tr>
<tr>
<td>10:45 to 11:45 am</td>
<td>Mobile Health Applications and Telemedicine</td>
<td>Sunit Jariwala, MD FAAAAI</td>
</tr>
<tr>
<td>11:00 am to 12:00 pm</td>
<td>Office of Practice Management, Payer Relations</td>
<td>James Sussman, DO FAAAAI Richard Honsinger, MD FACP FAAAAI</td>
</tr>
<tr>
<td>2:00 to 3:00 pm</td>
<td>Compounding Standards</td>
<td>Mohamed Yassin, MD FAAAAI Emily Graham, MSHIM RHIA CCS-P VP Hart Health Strategies, Inc.</td>
</tr>
<tr>
<td>3:00 to 3:30 pm</td>
<td>The AAAAI Registry: QCDR &amp; Compounding Safety Data</td>
<td>Gary Steven, MD PhD FAAAAI</td>
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<tr>
<td><strong>Sunday, February 26, 2023</strong></td>
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<tr>
<td>9:45 to 10:45 am</td>
<td>COVID-19 Response Task Force</td>
<td>Paul V. Williams, MD FAAAAI</td>
</tr>
<tr>
<td>11:00 am to 12:00 pm</td>
<td>Managing Biologics/Buy &amp; Bill</td>
<td>Priya J. Bansal, MD FAAAAI</td>
</tr>
<tr>
<td>2:00 to 3:00 pm</td>
<td>AAAAI Advocacy: Prior Authorization &amp; other priorities</td>
<td>Stuart Abramson, MD PhD FAAAAI Emily L. Graham, MSHIM RHIA CCS-P VP Hart Health Strategies, Inc.</td>
</tr>
<tr>
<td>3:00 to 4:00 pm</td>
<td>Penicillin Allergy Testing</td>
<td>Allison Ramsey, MD FAAAAI</td>
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</tbody>
</table>

Because Practice Matters! to the AAAAI
Friday At-A-Glance

Friday, February 24

6:00 AM
Registration

6:30 am - 5:00 pm

7:00 AM
Poster Hall
7:00 am - 6:00 pm

7:30 am - 1:30 pm
FIT Symposium
(Marriott Rivercenter)

7:00 AM
Courses
8:30 - 11:30 am

8:00 AM
Courses
8:30 - 11:30 am

8:30 am - 11:30 am

9:00 AM
Seminars (Hyatt)
12:00 - 1:00 pm

Seminars (Hyatt)
12:00 - 1:00 pm

10:00 AM
Workshops
12:00 - 1:15 pm

Allied Health Seminar
12:00 - 1:00 pm

1:00 PM
Plenary
1:45 - 3:15 pm

2:00 PM
2023 Chrysalis Project Program
(Invitation Only; Marriott Rivercenter)
7:30 am - 1:30 pm

3:00 PM
Symposia
4:15 - 5:30 pm

4:00 PM
Allied Health Plenary
4:15 - 5:30 pm

5:00 PM
Poster Presentations & Case Study
3:15 - 4:15 pm

6:00 PM

# Friday Scientific Program

## Courses

### 1011 2023 FIT Symposium

- **7:00 Networking Breakfast**  
  All Participants
- **7:45 Welcome and Introduction**  
  Ashley Sandoval, MD
- **7:55 Networking Committees and Organizations**  
  All Participants
- **8:15 American Board of Allergy and Immunology (ABAI) Update**  
  Michael R. Nelson, MD PhD FAAAAI
- **8:35 AAAAA President Welcome**  
  David A. Khan, MD FAAAAI
- **8:45 What’s New in Management of Antibiotic Allergies**  
  David A. Khan, MD FAAAAI
- **9:40 Diagnosing Contact Dermatitis and Its Mimickers: An Allergy and Dermatology Perspective**  
  Luz S. Fonacier, MD FAAAAI
- **10:00 Diagnosing Contact Dermatitis and Its Mimickers: An Allergy and Dermatology Perspective**  
  Marc J. Serota, MD
- **10:20 Four Patient Presentations of Immunodeficiency: The Abnormal Newborn Screen, Recurrent Cellulitis and Abscesses, Recurrent Sinopulmonary Infections and Recurrent Sepsis**  
  Neema Izadi, MD MS
- **10:40 Four Patient Presentations of Immunodeficiency: The Abnormal Newborn Screen, Recurrent Cellulitis and Abscesses, Recurrent Sinopulmonary Infections and Recurrent Sepsis**  
  Kathleen E. Sullivan, MD PhD FAAAAI
- **11:00 Break**  
  All Participants
- **11:15 Eosinophilic Gastrointestinal Disorders: Patient Management and When to Consider Biologics**  
  Javed Sheikh, MD FAAAAI
- **11:35 Eosinophilic Gastrointestinal Disorders: Patient Management and When to Consider Biologics**  
  Marc E. Rothenberg, MD PhD FAAAAI
- **11:55 How to Incorporate Wellness into Fellowship and the Workplace**  
  David R. Stukus, MD FAAAAI
- **12:15 How to Incorporate Wellness into Fellowship and the Workplace**  
  Sunil K. Saini, MD FAAAAI
- **12:20 Networking Lunch**  
  All Participants

### 1012 2023 Chrysalis Project Program (Invitation Only)

- **7:30 Breakfast**  
  All Participants
- **8:00 Welcome from Chrysalis Chairs**  
  Asriani M. Chiu, MD FAAAAI
- **8:10 Welcome from the AAAAA President**  
  David A. Khan, MD FAAAAI
- **8:15 Immunodeficiency**  
  Kimberly A. Risma, MD PhD FAAAAI
- **8:45 Atopic Dermatitis**  
  Mark Boguniewicz, MD FAAAAI
- **9:15 Food Allergy**  
  Stacie M. Jones, MD FAAAAI
- **9:45 Break**  
  All Participants
- **9:55 Asthma**  
  Michelle L. Hernandez, MD FAAAAI
- **10:25 Drug Allergy**  
  Kimberly G. Blumenthal, MD MSc FAAAAI
- **10:55 Break**  
  All Participants
- **11:05 Hot Topics Discussion Sessions: Immune Deficiency**  
  Joud Hajjar, MD
- **11:05 Hot Topics Discussion Sessions: Immune Deficiency**  
  Jocelyn Farmer, MD PhD
- **11:30 Hot Topics Discussion Sessions: Food Allergy**  
  Sarita U. Patil, MD FAAAAI
- **11:30 Hot Topics Discussion Sessions: Food Allergy**  
  Edwin H. Kim, MD FAAAAI
- **11:55 Hot Topics Discussion Sessions: Drug Allergy**  
  Kimberly G. Blumenthal, MD MSc FAAAAI
- **11:55 Hot Topics Discussion Sessions: Drug Allergy**  
  Cosby A. Stone, MD MPH
- **12:20 Chrysalis Project Participant Class Photo**  
  All Participants
- **1:25 Lunch with FIT Mentors**  
  All Participants

## Seminars

### 1020 Allied Health: The Itch You Can’t Scratch: Treatment of Severe Atopic Dermatitis in the Pediatric Patient

- **7:00 to 8:00 am**  
  Hyatt, Fourth Floor, Crockett A
- **Pre-registration and ticket required. Fee: $20.**
- **Credits: 1.00 CME/CE**
- **Kathryn M. Ruda Wessell, DO**
- **Jennifer S. Kim, MD FAAAAI**
## Seminars (continued)

### 1021 Allied Health: Food Allergy Prevention: A Discussion of Current Evidence, Recommendations, Challenges and the Future

7:00 to 8:00 am  
Hyatt, Fourth Floor, Crockett C  
Pre-registration and ticket required. Fee: $20.  
Credits: 1.00 CME/CE  
Angela Tsuang, MD MSc  
Carina Venter, PhD RD

### Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Time</th>
<th>Location</th>
<th>Credits</th>
<th>Fee</th>
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<tbody>
<tr>
<td>1110</td>
<td>Program Directors Assembly Boot Camp: Developing and Maintaining Excellence in Allergy/Immunology (A/I) Fellowship Training Programs</td>
<td>7:30 am to 12:00 pm</td>
<td>Marriott Rivercenter, Third Floor, Grand K</td>
<td>3.50 CME/CE</td>
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<tr>
<td>1201</td>
<td>2023 Difficult Cases</td>
<td>8:30 to 11:30 am</td>
<td>Convention Center, Ballroom Level, Stars at Night B4</td>
<td>3.00 CME/CE</td>
<td>$20.00</td>
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<td>1202</td>
<td>The Evolving Allergy and Immunology Practice</td>
<td>8:30 to 11:30 am</td>
<td>Convention Center, Meeting Room Level, Room 212A</td>
<td>3.00 CME/CE</td>
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### Seminars (continued)

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<tr>
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<th>Fee</th>
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<tr>
<td>1201</td>
<td>2023 Difficult Cases</td>
<td>8:30</td>
<td>Convention Center, Ballroom Level, Stars at Night B4</td>
<td>3.00 CME/CE</td>
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<tr>
<td>1201</td>
<td>Allergic Rash Mimickers</td>
<td>8:30</td>
<td>Dayne H. Voelker, MD</td>
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<tr>
<td>1201</td>
<td>Allergic Rash Mimickers</td>
<td>8:30</td>
<td>Kelly M. Maples, MD FAAAAI</td>
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<tr>
<td>1201</td>
<td>Asthma-Like Disorders</td>
<td>9:00</td>
<td>Thomas B. Casale, MD FAAAAI</td>
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<tr>
<td>1201</td>
<td>Asthma-Like Disorders</td>
<td>9:00</td>
<td>Miranda L. Curtiss, MD PhD</td>
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<td>1201</td>
<td>Primary Immunodeficiency</td>
<td>9:30</td>
<td>Neema Izadi, MD MS</td>
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<td>1201</td>
<td>Primary Immunodeficiency</td>
<td>9:30</td>
<td>Kathleen E. Sullivan, MD PhD FAAAAAI</td>
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<tr>
<td>1201</td>
<td>Oral Immunotherapy Conundrums</td>
<td>10:00</td>
<td>Stephanie A. Leeds, MD FAAAAI E</td>
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<tr>
<td>1201</td>
<td>Oral Immunotherapy Conundrums</td>
<td>10:00</td>
<td>Edwin H. Kim, MD FAAAAI</td>
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<td>1201</td>
<td>Auto-inflammation</td>
<td>10:30</td>
<td>Daniel L. Rosenberg, MD</td>
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<tr>
<td>1201</td>
<td>Auto-inflammation</td>
<td>10:30</td>
<td>Hal M. Hoffman, MD</td>
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<td>1201</td>
<td>COVID-19 Vaccine Reactions</td>
<td>11:00</td>
<td>Elizabeth J. Phillips, MD FAAAAI</td>
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<tr>
<td>1201</td>
<td>COVID-19 Vaccine Reactions</td>
<td>11:00</td>
<td>Kristine Vanichcharoenkarn, MD</td>
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<tr>
<td>1202</td>
<td>The Evolving Allergy and Immunology Practice</td>
<td>8:30</td>
<td>Convention Center, Meeting Room Level, Room 212A</td>
<td>3.00 CME/CE</td>
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<tr>
<td>1202</td>
<td>Welcome</td>
<td>8:30</td>
<td>Christina E. Ciaccio, MD FAAAAI</td>
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<tr>
<td>1202</td>
<td>Billing and Coding Pearls</td>
<td>8:35</td>
<td>Teresa Thompson, CPC CMSCS CCC</td>
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<tr>
<td>1202</td>
<td>Getting Started in Clinical Research</td>
<td>9:00</td>
<td>Cheryl K. Bernstein, RN BSN CCRC</td>
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<tr>
<td>1202</td>
<td>Selling Your Practice: Private Equity, Hospital Groups, Junior Partners</td>
<td>9:25</td>
<td>Welly Soong, MD FAAAAI</td>
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<td>1202</td>
<td>Compounding in Your Office: USP 797</td>
<td>9:50</td>
<td>Mohamed Yassin, MD FAAAAI</td>
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<tr>
<td>1202</td>
<td>Sterile Compounding Hands-on Stations</td>
<td>10:15</td>
<td>Christina E. Ciaccio, MD FAAAAI</td>
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<tr>
<td>1202</td>
<td>Sterile Compounding Hands-on Stations</td>
<td>10:15</td>
<td>Vivian Hernandez-Trujillo, MD FAAAAI</td>
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<tr>
<td>1202</td>
<td>Sterile Compounding Hands-on Stations</td>
<td>10:15</td>
<td>Melinda M. Rathkopf, MD FAAAAI</td>
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For the most up to date information on the educational offerings of the 2023 AAAAI Annual Meeting, please visit our Online Program.
## Friday Scientific Program

### Courses (continued)

<table>
<thead>
<tr>
<th>1203</th>
<th>From Bed to Benchside: Leveraging Molecular and Epidemiological Research to Understand Disease Mechanisms</th>
<th>8:30 to 11:30 am</th>
<th>Convention Center, Meeting Room Level, Room 225C</th>
<th>Credits: 3.00 CME/CE</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30</td>
<td>Introduction</td>
<td>Hong Ji, PhD</td>
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<tr>
<td>8:35</td>
<td>Bedside to Bench to Bedside: Historical Research Partnerships That Radically Changed Care of Patients in Allergy and Immunology</td>
<td>Kathleen E. Sullivan, MD PhD FAAAAI</td>
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<tr>
<td>9:00</td>
<td>Pragmatic Considerations in Bench to Bedside Collaborations</td>
<td>Melanie A. Ruffner, MD PhD</td>
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<tr>
<td>9:25</td>
<td>Genomic and Immunophenotyping Remarkable Patients: Opportunities to Learn New Biology and Develop Clinical insights</td>
<td>Sarah E. Henriksen, MD PhD FAAAAAI</td>
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<tr>
<td>9:50</td>
<td>Power in Numbers: Epidemiological Insights From the Mechanisms of Progression of Atopic Dermatitis to Asthma in Children (MPAACH)</td>
<td>Gurjit K. Khurana Hershey, MD PhD FAAAAAI</td>
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<tr>
<td>10:15</td>
<td>Learning New Biology from Patient-Based Studies: The Eosinophilic Esophagitis Example</td>
<td>Leah C. Kottyan, PhD</td>
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<tr>
<td>10:40</td>
<td>Building International Collaborations to Collect Patient Samples to Discover Rare Disease Etiology</td>
<td>Jennifer M M. Puck, MD</td>
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<tr>
<td>11:05</td>
<td>Question &amp; Answer Facilitation</td>
<td>Alberta L. Wang, MD MS</td>
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<table>
<thead>
<tr>
<th>1204</th>
<th>Meeting of the Omics: The Future of Discovery and Clinical Care in Allergy</th>
<th>8:30 to 11:30 am</th>
<th>Convention Center, Ballroom Level, Room 301A</th>
<th>Credits: 3.00 CME/CE</th>
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<tbody>
<tr>
<td>8:30</td>
<td>Introduction</td>
<td>Jordan S. Orange, MD PhD FAAAAAI</td>
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<tr>
<td>8:35</td>
<td>Diagnostic Genomics for the Clinical Allergist</td>
<td>Ivan Chinn, MD</td>
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<tr>
<td>9:05</td>
<td>The Future of Discovery and Clinical Care in Allergy and Immunology</td>
<td>Megan A. Cooper, MD PhD</td>
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<tr>
<td>9:35</td>
<td>Epigenetics in Asthma: Where Are We, Where Are We Going?</td>
<td>Sunita Sharma</td>
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<tr>
<td>10:05</td>
<td>Microbiome and Transcriptomic Interactions in Allergic Disease</td>
<td>Andrew L. Kau, MD PhD</td>
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<tr>
<td>10:40</td>
<td>Single-Cell Transcriptomics of Allergen-Specific T Cells in Allergy and Asthma</td>
<td>Gregory Seumais, PhD</td>
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<tr>
<td>11:05</td>
<td>Question and Answer Facilitation</td>
<td>Jordan S. Orange, MD PhD FAAAAAI</td>
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<tr>
<th>1205</th>
<th>Novel Approaches and Improvements to Care Using Technology: Telemedicine, E-consults and Electronic Health Records (EHR) Optimization</th>
<th>8:30 to 11:30 am</th>
<th>Convention Center, Meeting Room Level, Room 217C</th>
<th>Credits: 3.00 CME/CE</th>
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<tbody>
<tr>
<td>8:30</td>
<td>Introduction</td>
<td>S. Shahzad Mustafa, MD FAAAAAI</td>
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<tr>
<td>8:35</td>
<td>Telemedicine in the Allergy/Immunology Office: The COVID-19 Pandemic and Beyond</td>
<td>Jay M. Portnoy, MD FAAAAAI</td>
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<tr>
<td>9:15</td>
<td>Expanding Access to Care through Telemedicine and E-consults</td>
<td>Neelam A. Phadke, MD</td>
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<tr>
<td>9:35</td>
<td>Practical How-to Guide for Telemedicine and E-consults</td>
<td>Tania Elliott, MD</td>
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<tr>
<td>9:40</td>
<td>Teledermatology: Lessons for Allergy/Immunology</td>
<td>Matthew S. Krantz, MD</td>
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<tr>
<td>9:55</td>
<td>The EHR Allergy Field: Current State and Proposed Improvements</td>
<td>Eric M. Macy, MD FAAAAAI</td>
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<tr>
<td>10:35</td>
<td>Panel Discussion Facilitation</td>
<td>S. Shahzad Mustafa, MD FAAAAAI</td>
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<thead>
<tr>
<th>1206</th>
<th>Effects of Climate Change on Health: Practical Information and Strategies for Climate Change Communication</th>
<th>8:30 to 11:30 am</th>
<th>Convention Center, Meeting Room Level, Room 221C</th>
<th>Credits: 3.00 CME/CE</th>
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<tbody>
<tr>
<td>8:30</td>
<td>Introduction</td>
<td>Harald E. Renz, MD FAAAAAI</td>
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<tr>
<td>8:35</td>
<td>Defining the Drivers of Climate Change</td>
<td>Allison J. Burbank, MD</td>
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<tr>
<td>9:05</td>
<td>Impact of Climate Change on Aerobiology</td>
<td>Andrew C. Rorie, MD FAAAAAI</td>
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<tr>
<td>9:35</td>
<td>Health Effects of Climate Change on Allergic Disease</td>
<td>Jill A. Poole, MD FAAAAAI</td>
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<tr>
<td>10:05</td>
<td>Racial and Ethnic Disparities in Climate Change and Health</td>
<td>Susan E. Pacheco, MD</td>
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<tr>
<td>10:35</td>
<td>Climate Change Advocacy: How to Talk to the Media and Your Patients About Climate Change</td>
<td>Karin A. Pacheco, MD MSPH FAAAAAI</td>
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<tr>
<td>11:05</td>
<td>Question and Answer Facilitation</td>
<td>Harald E. Renz, MD FAAAAAI</td>
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</tbody>
</table>
Courses (continued)

1207  Oral Immunotherapy for Food Allergy: A Clinical Practice Course  
8:30 to 11:30 am  
Convention Center, Ballroom Level, Stars at Night B1  
Credits: 3.00 CME/CE

8:30  Introduction  
Ian F. Slack, MD

8:30  Oral Immunotherapy in Toddlers  
Justin Schwartz, MD

9:00  Oral Immunotherapy After Reaching Maintenance  
Edwin H. Kim, MD FAAAAI

9:25  Oral Immunotherapy in Combination with Biologics  
Rima A. Rachid, MD FAAAAI

9:50  Oral Immunotherapy Maintenance Doses for Different Foods  
Brian Vickery, MD FAAAAI

10:15  Oral Immunotherapy for the High Threshold Allergic Patient  
Scott H. Sicherer, MD FAAAAI

10:40  Oral Immunotherapy Dissemination and Implementation  
Anal H. Assa’ad, MD FAAAAI

11:05  Question and Answer Facilitation  
Tara F. Carr, MD FAAAAI

1208  Quality Improvement, Adherence and Outcomes Projects from Start to Finish  
8:30 to 11:30 am  
Convention Center, Meeting Room Level, Room 216B  
Pre-registration and ticket required. Fee: $20.  
Credits: 3.00 CME/CE

8:30  Introduction  
Kristin C. Sokol, MD MS MPH FAAAAI

8:35  How to Define Quality Improvement  
Joel P. Brooks, DO MPH

8:55  Aims, Measures, and Outcomes: Designing a Useful Quality Improvement Project  
Margaret Redmond, MD

9:15  Examples of Quality Improvement Projects Initiated and Successfully Completed  
S. Shahzad Mustafa, MD FAAAAI

9:35  Expanding Quality Improvement Results: Publishing and Sharing with the Scientific Community and Stakeholders  
Sindhura Bandi, MD FAAAAI

9:55  Question & Answer Facilitation  
Kristin C. Sokol, MD MS MPH FAAAAI

10:15  Breakouts  
All Participants

1209  Cellular Players in Chronic Rhinosinusitis with Nasal Polyps and in NSAID-Exacerbated Respiratory Disease (N-ERD)  
8:30 to 11:30 am  
Convention Center, Ballroom Level, Room 304A  
Credits: 3.00 CME/CE

8:30  Introduction  
Elina Jerschow, MD FAAAAI

8:35  Invariant Natural Killer T (iNKT) Cells Drive Inflammatory Response in NSAID-Exacerbated Respiratory Disease (N-ERD)  
Elina Jerschow, MD FAAAAI

9:00  Degranulated Basophils Contribute to N-ERD Severity  
Whitney W. Stevens, MD PhD FAAAAI

9:25  Group 2 Innate Lymphoid Cells and Eicosanoids Receptor Expression in Patients with Nasal Polyps  
Taylor A. Doherty, MD FAAAAI

9:50  The Role of Granulocytes in N-ERD  
Atsushi Kato, PhD

10:15  Epithelial Cells and Remodeling in Nasal Polyps  
Nora A. Barrett, MD FAAAAI

10:40  Mast Cell Proliferation in Airway Disease  
Daniel F. Dwyer, PhD

11:05  Panel Discussion Facilitation  
Elina Jerschow, MD FAAAAI

1208  Quality Improvement, Adherence and Outcomes Projects from Start to Finish  
8:30 to 11:30 am  
Convention Center, Meeting Room Level, Room 216B  
Pre-registration and ticket required. Fee: $20.  
Credits: 3.00 CME/CE

8:30  Introduction  
Kristin C. Sokol, MD MS MPH FAAAAI

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Sindhura Bandi, MD FAAAAI

9:55  Question & Answer Facilitation  
Kristin C. Sokol, MD MS MPH FAAAAI

10:15  Breakouts  
All Participants

1210  Diagnosing and Managing Non-Respiratory Comorbidities in Asthma  
8:30 to 11:30 am  
Convention Center, Ballroom Level, Hemisfair C1  
Credits: 3.00 CME/CE

8:30  Introduction  
Sharmilee M. Nyenhuis, MD FAAAAI

8:35  Patients with Obesity and Asthma: Diagnostic Myths and Challenges for Management  
Fernando Holguin, MD MPH

9:25  Evaluating Laryngeal Pathologies in the Context of Asthma  
Anju T. Peters, MD MSCI FAAAAI

10:15  Confronting Mental Health in Patients with Asthma  
Tamara Hubbard, LPC

11:05  Question & Answer Facilitation  
Sharmilee M. Nyenhuis, MD FAAAAI

1211  Microbiome as a Gateway to Prevention of Allergic Airway Disease  
8:30 to 11:30 am  
Convention Center, Ballroom Level, Room 302A  
Credits: 3.00 CME/CE

8:30  Introduction  
Kirsten M. Kloepfer, MD MS FAAAAI

9:00  Environmental Microbes and Development of Allergic Disease  
Erika Von Mutius, MD MSc

9:25  Microbiome and the Lung-Gut Axis  
Harald E. Renz, MD FAAAAI

10:15  Modifiable Exposures in the Prenatal Period  
Susan V. Lynch, PhD

11:05  Question & Answer Facilitation  
Kirsten M. Kloepfer, MD MS FAAAAI
### Courses (continued)

<table>
<thead>
<tr>
<th>Session</th>
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<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>1504</td>
<td>Assessing Infants and Toddlers with Feeding Difficulties at Risk for Eosinophilic Esophagitis</td>
<td>12:00 to 1:00 pm</td>
<td>Hyatt, Third Floor, Bonham D</td>
<td>$40</td>
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<td></td>
<td>Pre-registration and ticket required.</td>
<td></td>
<td>Esther N. Prince, MD</td>
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<td>Credits: 1.00 CME/CE</td>
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<td>Brianne L. Schmidt, RD</td>
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### Seminars

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<th>Time</th>
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<tbody>
<tr>
<td>1501</td>
<td>Lymphoproliferation in the Allergy/Immunology (A/I) Clinic</td>
<td>12:00 to 1:00 pm</td>
<td>Hyatt, Second Floor, Bowie B</td>
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<tr>
<td></td>
<td>Pre-registration and ticket required.</td>
<td></td>
<td>Lisa R. Forbes Satter, MD FAAAAA</td>
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<td>Jennifer W. Leiding, MD FAAAAI</td>
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<tr>
<td>1502</td>
<td>The Bullseye on Prostaglandins in Targeting Allergic Diseases</td>
<td>12:00 to 1:00 pm</td>
<td>Hyatt, Third Floor, Bonham B</td>
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<td></td>
<td>Pre-registration and ticket required.</td>
<td></td>
<td>Joshua A. Boyce, MD FAAAAA</td>
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<td>Stokes Peebles, MD FAAAAA</td>
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<tr>
<td>1503</td>
<td>Practical Approach to Penicillin Allergy Evaluation in Pregnant Women</td>
<td>12:00 to 1:00 pm</td>
<td>Hyatt, Third Floor, Bonham C</td>
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<td>Pre-registration and ticket required.</td>
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<td>Anjeli P. Kaia, MD</td>
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<td>Maureen E. Bauer, MD FAAAAA</td>
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### Systems Biology Approaches to Better Diagnose, Endotype and Treat Allergic Diseases

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<tbody>
<tr>
<td>1506</td>
<td>Systems Biology Approaches to Better Diagnose, Endotype and Treat Allergic Diseases</td>
<td>12:00 to 1:00 pm</td>
<td>Hyatt, Third Floor, Travis A</td>
<td>$40</td>
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<td></td>
<td>Pre-registration and ticket required.</td>
<td></td>
<td>Matthew C. Altman, MD</td>
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<td>Credits: 1.00 CME/CE</td>
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<td>Brian D. Modena, MD</td>
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### Biomarkers for the Response to Allergen Immunotherapy

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<td>1507</td>
<td>Biomarkers for the Response to Allergen Immunotherapy</td>
<td>12:00 to 1:00 pm</td>
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<td>$40</td>
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<td>Mohamed H. Shamji, BSc MSc PhD FAAAAI</td>
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<td>Hanisah Sharif, PhD</td>
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### To Patch or Not to Patch?

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<tr>
<td>1508</td>
<td>To Patch or Not to Patch?</td>
<td>12:00 to 1:00 pm</td>
<td>Hyatt, Third Floor, Presidio B</td>
<td>$40</td>
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<td></td>
<td>Pre-registration and ticket required.</td>
<td></td>
<td>Marcella R. Aquino, MD FAAAAA</td>
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<td>Ellen R. Sher, MD FAAAAA</td>
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### Safety Considerations of Biologics in Allergic Disorders

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<tbody>
<tr>
<td>1509</td>
<td>Safety Considerations of Biologics in Allergic Disorders</td>
<td>12:00 to 1:00 pm</td>
<td>Hyatt, Fourth Floor, Crockett A</td>
<td>$40</td>
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<td></td>
<td>Pre-registration and ticket required.</td>
<td></td>
<td>Jonathan Corren, MD</td>
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<td>John B. Hagan, MD FAAAAA</td>
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### Seminars (continued)

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<tr>
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<th>Event Title</th>
<th>Venue</th>
<th>Credits</th>
<th>Guest Speakers</th>
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<tbody>
<tr>
<td>12:00</td>
<td>Allied Health: Updates on Atopic Dermatitis: Personalizing Care Through New Guidelines and Treatment Options</td>
<td>Hyatt, Fourth Floor, Crockett C</td>
<td>1.00 CME/CE</td>
<td>Kelly M. Maples, MD FAAAAI, Pamela H. Steele, MSN CPNP AE-C</td>
</tr>
<tr>
<td>12:00</td>
<td>Allied Health: I Have an Immunodeficiency - Can I...?</td>
<td>Hyatt, Fourth Floor, Republic B</td>
<td>1.00 CME/CE</td>
<td>William R. Blouin, APRN, Kristin Epland, NP</td>
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<tr>
<td>12:00</td>
<td>Symposium</td>
<td>Convention Center, Meeting Room Level, Room 214A</td>
<td>1.25 CME/CE</td>
<td>Karen L. Gregory, DNP APRN-BC RRT AE-C, Torie L. Grant, MD</td>
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<tr>
<td>12:00</td>
<td>Workshops</td>
<td>Convention Center, Ballroom Level, Room 221C</td>
<td>1.25 CME/CE</td>
<td>James H. Sussman, DO FAAAAI</td>
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### Symposium

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<thead>
<tr>
<th>Time</th>
<th>Event Title</th>
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<th>Guest Speakers</th>
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<tbody>
<tr>
<td>12:00</td>
<td>Allied Health: Advancements in Asthma Care Based on Our Understanding of Type 2 Inflammation and Phenotyping</td>
<td>Convention Center, Meeting Room Level, Room 214A</td>
<td>1.25 CME/CE</td>
<td>Karen L. Gregory, DNP APRN-BC RRT AE-C, Torie L. Grant, MD</td>
</tr>
<tr>
<td>12:00</td>
<td>How Smart is Single Maintenance and Reliever Therapy (SMART)?</td>
<td>Convention Center, Meeting Room Level, Room 214A</td>
<td>1.25 CME/CE</td>
<td>Jay M. Portnoy, MD FAAAAI</td>
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<tr>
<td>12:00</td>
<td>The Role of Type 2 Inflammation and Phenotypes in Asthma</td>
<td>Convention Center, Ballroom Level, Room 301A</td>
<td>1.25 CME/CE</td>
<td>Hirohito Kita, MD</td>
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<tr>
<td>12:00</td>
<td>Treatment of Uncontrolled Asthma with Biologics</td>
<td>Convention Center, Ballroom Level, Stars at Night B1</td>
<td>1.25 CME/CE</td>
<td>Zuhair K. Ballas, MD FAAAAI</td>
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### Workshops

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<th>Time</th>
<th>Event Title</th>
<th>Venue</th>
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<th>Guest Speakers</th>
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<tbody>
<tr>
<td>12:00</td>
<td>Compounding, Prior Authorizations, Other Practice Challenges: How Office of Practice Management Can Help</td>
<td>Convention Center, Meeting Room Level, Room 214C</td>
<td>1.25 CME/CE</td>
<td>James H. Sussman, DO FAAAAI</td>
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<tr>
<td>12:00</td>
<td>Update on Compounding Guidelines and Their Effect on Workflow</td>
<td>Convention Center, Meeting Room Level, Room 221C</td>
<td>1.25 CME/CE</td>
<td>Mohamed S. Yassin, MD FAAAAI</td>
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<tr>
<td>12:00</td>
<td>Federal and State Compounding Regulations</td>
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<td>Emily L. Graham, MSHIM, RHIA, CCS-P</td>
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<tr>
<td>12:00</td>
<td>AAAAI Action and Practical Strategies for Obtaining Prior Authorization for Optimal Patient Care</td>
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<td>Stuart L. Abramson, MD PhD AE-C FAAAAA</td>
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<tr>
<td>12:00</td>
<td>Question and Answer Facilitation</td>
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<td>James H. Sussman, DO FAAAAI</td>
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</table>
Friday Scientific Program
Friday, February 24

Workshops (continued)

1525  Hot Topics in Pediatric Allergy and Immunology
       12:00 to 1:15 pm
       Convention Center, Ballroom Level, Stars at Night B4
       Credits: 1.25 CME/CE

12:00  Introduction
       Julie Wang, MD FAAAAI

12:05  Hot Topics in Pediatric Food Allergy
       Christopher P. Parrish, MD FAAAAI

12:25  Hot Topics in Pediatric Primary Immunodeficiency and Hereditary Angioedema
       Kathleen E. Sullivan, MD PhD FAAAAI

12:45  Hot Topics in Pediatric Asthma
       Akilah A. Jefferson, MD MSc

1:05   Question and Answer Facilitation
       Julie Wang, MD FAAAAI

1526  Tackling Vaccine Hesitancy in Adults, Children and Special Populations
       12:00 to 1:15 pm
       Convention Center, Ballroom Level, Stars at Night B3
       Credits: 1.25 CME/CE

12:00  Introduction
       Taylor A. Banks, MD

12:05  Vaccine Hesitancy in Adult Patients
       Karla E. Adams, MD

12:25  Vaccine Hesitancy in Pediatric Patients
       Joel P. Brooks, DO MPH

12:45  Vaccine Hesitancy in Patients with Primary and Secondary Immunodeficiency
       Cosby A. Stone, MD MPH

1:05   Question & Answer Facilitation
       Sara Anvari, MD MSc

1527  Cannabis-Related Allergies: Approaches and Potential Management
       12:00 to 1:15 pm
       Convention Center, Meeting Room Level, Room 225C
       Credits: 1.25 CME/CE

12:00  Introduction
       Joanna Zeiger, PhD MS

12:05  Botany of Cannabis: Proposed Allergens and Links with Food Allergens
       Isabel J. Skypala, PhD RD

12:25  Clinical- and Occupational-Relevant Manifestations of Cannabis Allergy
       Jonathan A. Bernstein, MD FAAAAI

12:45  Current State and Future Directions of Diagnostic Approaches and Management of Cannabis Allergy
       Ajay P. Nayak, PhD FAAAAI

1:05   Question and Answer Facilitation
       Joanna Zeiger, PhD MS

1528  Irritants and Disruption of the Skin and Airway Epithelial Barrier: Models from the Workplace
       12:00 to 1:15 pm
       Convention Center, Ballroom Level, Hemisfair C3
       Credits: 1.25 CME/CE

12:00  Introduction
       Taylor A. Doherty, MD FAAAAI

12:05  Mechanisms and Consequences of Epithelial Cell Barrier Disruption
       Cezmi A. Akdis, MD FAAAAI

12:25  Development of Irritant and Allergic Contact Dermatitis After Disruption of the Epithelial Barrier
       Susan Nedorost, MD

12:45  The Development of Irritant and Immune Occupational Asthma
       Susan M. Tarlo, MBBS FAAAAI

1:05   Question and Answer Facilitation
       Taylor A. Doherty, MD FAAAAI

1529  Rapid Fire on Oral Immunotherapy (OIT): Five Foods, Five Allergists, Five Questions
       12:00 to 1:15 pm
       Convention Center, Ballroom Level, Hemisfair C1
       Credits: 1.25 CME/CE

12:00  Egg OIT
       Susan S. Xie, MD

12:15  Milk OIT
       Roberto Berni Canani, MD PhD

12:30  Sesame OIT
       Sandy Durrani, MD

12:45  Peanut OIT
       Douglas P. Mack, MD

1:00   Tree Nut OIT
       R. Sharon Chinthrajah, MD FAAAAI

1530  Practical Applications to Address Health Disparities and Inequities in the Clinical Setting: A Hands-On, Problem-Based Learning (PBL) Workshop
       12:00 to 1:15 pm
       Convention Center, Meeting Room Level, Room 205
       Pre-registration and ticket required. Fee: $20.
       Credits: 1.25 CME/CE

12:00  Introduction
       Chioma Udemgba, MD

12:05  Small Group Case Discussion
       All Participants

12:15  Content Expert Discussion
       Margie Louisias, MD MPH

12:35  Content Expert Discussion
       Anita Roach

12:55  Content Expert Discussion
       Maureen George, PhD RN AE-C

1:05   Question & Answer Facilitation
       Jessica L. Stern, MD MS
Workshops (continued)

1531  Funding Opportunities for Your Allergy/Immunology Research Career
12:00 to 1:15 pm
Convention Center, Ballroom Level, Room 302A
Credits: 1.25 CME/CE
12:00 Introduction
Fei Li Kuang, MD PhD
12:05 NIAID Scientific Programmatic Direction
Alkis Togias, MD FAAAAI
12:25 Diversity Training Funding Opportunities at NIH and AAAAI Diversity Initiatives
LeShawndra Price, PhD
12:45 Funding Opportunities in Outcomes Research and Implementation Science
Carla M. Davis, MD FAAAAI
1:05 Question & Answer Facilitation
Amaziah Coleman, MD

1532  Bench to Bedside in Non-Allergic Rhinitis: The Pathophysiology Underlying Current and Novel Therapeutics for the Future
12:00 to 1:15 pm
Convention Center, Meeting Room Level, Room 217C
Credits: 1.25 CME/CE
12:00 Introduction
David J. Reeder, MD
12:05 Pathogenesis of Non-Allergic Rhinitis
George N. Konstantinou, MD PhD MSc FAAAAI
12:25 Current Treatment Options for Non-Allergic Rhinitis
Anjeni Keswani, MD FAAAAI
12:45 Novel Therapeutics and Targets for Drug Development in Non-Allergic Rhinitis
Jonathan A. Bernstein, MD FAAAAI
1:05 Question and Answer Facilitation
David J. Reeder, MD

1533  Allied Health: COVID-19 Isn’t Going Away: So Now What?
12:00 to 1:15 pm
Convention Center, Meeting Room Level, Room 213B
Credits: 1.25 CME/CE
12:00 Introduction
Katherine Dahlsgaard, PhD
12:05 Post-Acute Sequelae (PASC) of COVID-19: From Mechanisms and Diagnosis to Treatment
Mitchel H. Grayson, MD FAAAAI
12:25 COVID-19: Lessons We Have Learned
John Oppenheimer, MD FAAAAI
12:45 The Pandemic Within the Pandemic: Racial and Ethnic Health Disparities
Jodi A. Shroba, MSN APRN CPNP
1:05 Question & Answer Facilitation
Katherine Dahlsgaard, PhD

Poster Discussion Workshop

1534  Novel Insights into Type 2 Lymphocytes in Allergic Diseases
12:00 to 1:15 pm
Convention Center, Meeting Room Level, Room 206B
Credits: 1.25 CME/CE
Moderator: Patrick J. Brennan, MD PhD
12:00 Poster Viewing
All Participants
12:40 Group 2 Innate Lymphoid Cells are Involved in Development of Antigen-Specific Th2 Cells by Providing GM-CSF and Activating Dendritic Cells.
Jared Brooksby
12:45 CFTR deficiency increases Th2 cytokine production and allergic airway inflammation in mice
Daniel P. Cook, MD PhD
12:50 Platelet Adherent Eosinophils Drive ILC2 Expansion
Hiromi Hayashi, MD PhD
12:55 The Network of Epithelial Cells and ILC2s Involving Acetylcholine and Muscarinic Receptors Promote Type 2 Immune Responses to Inhaled Allergen
Ryuukio Hayashi, MD
1:00 ILC2 activity in infants induces stronger eosinophilic skin inflammation than in adult in an atopic dermatitis mouse model.
Hiroki Sugiyama
1:05 Question & Answer
All Participants

Plenary

1501  Presidential Plenary: Paradigm Shifts in Drug Allergy
1:45 to 3:15 pm
Convention Center, Lobby Level, Hall 2
Credits: 1.50 CME/CE
1:45 Introduction
David A. Khan, MD FAAAAI
1:50 New Insights into the Immunopathology of Aspirin-Exacerbated Respiratory Disease (AERD)
Tanya M. Laidlaw, MD FAAAAI
2:15 Introduction
David A. Khan, MD FAAAAI
2:20 Advances in Diagnosis and Management of Severe Cutaneous Adverse Reaction (SCAR)
Elizabeth J. Phillips, MD FAAAAI
2:45 Introduction
David A. Khan, MD FAAAAI
2:50 Practice Changers from the Drug Allergy Parameter Update
Tanya M. Laidlaw, MD FAAAAI
## Friday Poster Session

3:15 to 4:15pm  
**Convention Center, Lobby Level, Hall 2**  
Please refer to the 2023 AAAAI Annual Meeting Mobile App or www.jacionline.org for abstract details.

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<td>Anaphylaxis</td>
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<td>037-065A</td>
<td>Asthma Therapy</td>
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<td>066-069</td>
<td>Asthma Diagnosis, Genotyping and Phenotyping</td>
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<td>070-079</td>
<td>Clinical Immunology During the COVID-19 Pandemic</td>
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<td>080-114</td>
<td>Food Immunotherapy: Outcome and Mechanism</td>
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<td>115-139</td>
<td>Quality Improvement and Healthcare Disparities</td>
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<td>140-148</td>
<td>Allergen Diagnostics, Rhinitis and Immunotherapy</td>
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<td>149-164</td>
<td>Mast Cells and Mastocytosis</td>
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<td>165-169</td>
<td>Allergens: From Structure to Biological Function</td>
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<tr>
<td>L01-L36</td>
<td>Late Breaking Poster Session</td>
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</tbody>
</table>

### Symposia

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Time</th>
<th>Venue</th>
<th>Credits: CME/CE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1802</td>
<td>Ontogeny of the Immune System in Infancy: Pathway to Atopy</td>
<td>4:15 to 5:30 pm</td>
<td>Convention Center, Meeting Room Level, Room 221C</td>
<td>1.25 CME/CE</td>
</tr>
<tr>
<td>1803</td>
<td>Educational and Quality Improvement Initiatives That Empower Generalists to Provide High Value Care</td>
<td>4:15 to 5:30 pm</td>
<td>Convention Center, Meeting Room Level, Room 1</td>
<td>1.25 CME/CE</td>
</tr>
<tr>
<td>1804</td>
<td>Genomics, Sociomics and Psychology of Food Allergy</td>
<td>4:15 to 5:30 pm</td>
<td>Convention Center, Meeting Room Level, Room 1</td>
<td>1.25 CME/CE</td>
</tr>
</tbody>
</table>

### Friday Case Reports

- **Anaphylaxis**
- **Asthma Therapy**
- **Asthma Diagnosis, Genotyping and Phenotyping**
- **Clinical Immunology During the COVID-19 Pandemic**
- **Food Immunotherapy: Outcome and Mechanism**
- **Quality Improvement and Healthcare Disparities**
- **Allergen Diagnostics, Rhinitis and Immunotherapy**
- **Mast Cells and Mastocytosis**
- **Allergens: From Structure to Biological Function**
- **Late Breaking Poster Session**

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**Symposia**

1. **Updates and Controversies in Anaphylaxis**  
   - **4:15 Introduction**  
     - Dana V. Wallace, MD FAAAAI  
   - **4:20 Anaphylaxis Controversies**  
     - Marcus Shaker, MD MS FAAAAI  
   - **4:40 Venom Anaphylaxis and Immunotherapy**  
     - Karla E. Adams, MD  
   - **5:00 Perioperative Anaphylaxis**  
     - Gerald W. Volcheck, MD FAAAAI  
   - **5:20 Question & Answer Facilitation**  
     - Vivian F. Hernandez-Trujillo, MD FAAAAI

2. **Genomics, Sociomics and Psychology of Food Allergy**  
   - **4:15 Introduction**  
     - Theresa A. Bingemann, MD FAAAAI  
   - **4:20 Genomics in the Diagnosis of Food Allergy**  
     - Mimi L. Tang, MD PhD FAAAAI  
   - **4:40 Known Risks of Developing Food Allergy**  
     - Robert A. Wood, MD FAAAAI  
   - **5:00 Phenotyping the Psychological Impact of Food Allergy**  
     - Linda Herbert, PhD  
   - **5:20 Question & Answer Facilitation**  
     - Eileen Wang, MD MPH  
   - **5:00 Phenotyping the Psychological Impact of Food Allergy**  
     - Susan R. Fox, MMS, PA-C
Friday Scientific Program

1805 Incorporating Exercise into the Management of Asthma Across the Lifespan
4:15 to 5:30 pm
Convention Center, Ballroom Level, Room 302A
Credits: 1.25 CME/CE

4:15 Introduction
Justin C. Greiwe, MD FAAAAI

4:20 Beneficial Effects of Exercise on Asthma Across the Lifespan
Basil M. Kahwash, MD

4:40 Challenges to Exercise and Exercise Counseling in Children and Adolescents with Asthma
Monica T. Kraft, MD

5:00 Challenges to Exercise and Exercise Counseling in Young and Older Adults with Asthma
Sharmilee M. Nyenhuis, MD FAAAAI

5:20 Question & Answer Facilitation
Justin C. Greiwe, MD FAAAAI

1806 Expanding the Scope of Allergy/Immunology Practice: Genetics in the Diagnosis and Management of Immunologic Disease
4:15 to 5:30 pm
Convention Center, Ballroom Level, Hemisfair C1
Credits: 1.25 CME/CE

4:15 Introduction
Manish Butte, MD PhD

4:20 Genetics of Pediatric Immune-Mediated Diseases and Human Immunity
Megan A. Cooper, MD PhD

4:40 Genetics of Common Variable Immunodeficiency
Paul J. Maglione, MD PhD

5:00 Somatic Mutations, Reversion and Disorders of Immune Dysregulation
Daniel L. Kastner, MD

5:20 Question & Answer Facilitation
Manish Butte, MD PhD

1807 Gut Immune Dysregulation
4:15 to 5:30 pm
Convention Center, Lobby Level, Hall 2
Credits: 1.25 CME/CE

4:15 Introduction
Jessica Galant-Swafford, MD

4:20 Mucosal Immunity and Implications for the Allergist/Immunologist
Scott B. Snapper, MD PhD

4:40 Small Intestinal Immunopathology and GI-Associated Antibody Formation in Hereditary Alpha-Tryptasemia
Jonathan Lyons, MD

5:00 X-Linked ELF4 Deficiency as a Cause of Mucosal Inflammation
Carrie L. Lucas, PhD

5:20 Question & Answer Facilitation
Jessica Galant-Swafford, MD
Benefits of browsing the 2023 AAAAI Featured Jobs Guide:

- You can explore new career opportunities for FREE!
- It is fully interactive, allowing you to click on any websites, emails, and videos.
- There is the option to download the guide so you can look back on companies and positions that appeal to you.

A New Horizon of Atopic Dermatitis Therapy

Patients with AD struggle to manage this chronic condition and some treatments can cause new problems. Patients with skin of color often face unique challenges.

Learn about new therapeutic agents, including biologics and JAK inhibitors with this new online course.
Thank you to biocryst for sponsoring the RSL Challenge

The winning region will be announced at the AAAAI Business Meeting.
Saturday At-A-Glance

Saturday, February 25

6:00 AM
Registration
6:30 am - 5:00 pm

7:00 AM
Allied Health Workshops
6:45 - 8:00 am

7:00 AM
Seminars (Hyatt)
7:00 - 8:00 am

9:00 AM
Plenary
8:15 - 9:45 am

9:00 AM
Poster Presentations & Case Study Posters
9:45 - 10:45 am

10:00 AM
Symposia
10:45 am - 12:00 pm

11:00 AM
Allied Health Workshops
10:45 am - 12:00 pm

12:00 PM
Training Stations
12:00 - 2:00 pm

1:00 PM
Seminars (Hyatt) & Pro/Con Debates
12:30 - 1:30 pm

2:00 PM
Oral Abstracts
2:00 - 3:15 pm

3:00 PM
Keynote
3:30 - 4:30 pm

4:00 PM
Workshops
4:45 - 6:00 pm

5:00 PM
Allied Health Business Meeting & Oral Abstract Session
12:15 - 1:45 pm

6:00 PM
Allied Health Seminar
7:00 - 8:00 am
Saturday Scientific Program

Workshop

2021 Allied Health: Difficult Cases: Are You Ready for the Challenge?  
6:45 to 8:00 am  
Convention Center, Meeting Room Level, Room 213B  
Credits: 1.25 CME/CE  
6:45 Introduction  
Elisa C. Thompson, NP  
6:50 The Esoteric Eosinophil  
Gregory M. Metz, MD FAAAAI  
7:10 Challenges of Asthma in Obesity  
Karen L. Gregory, DNP APRN-BC RRT AE-C  
7:30 The Mystery Case  
MarciaRose Winston, MSN CPNP AE-C  
7:50 Question & Answer Facilitation  
Elisa C. Thompson, NP

Seminars

2001 Perioperative Anaphylaxis  
7:00 to 8:00 am  
Hyatt, Second Floor, Bowie B  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Gerald W. Volcheck, MD FAAAAI  
Alexei Gonzalez-Estrada, MD

2002 Asthma Digital Health Tools and Opportunities for Artificial Intelligence-Based Risk Prediction  
7:00 to 8:00 am  
Hyatt, Third Floor, Bonham B  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Sunit P. Jariwala, MD FAAAAI  
Nick L. Rider, DO FAAAAI

2003 Optimal Management of Asthma in Older Adults  
7:00 to 8:00 am  
Hyatt, Third Floor, Bonham C  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Alan P. Baptista, MD MPH FAAAAI  
Paula J. Busse, MD FAAAAI

2005 Dermatology for the Allergist  
7:00 to 8:00 am  
Hyatt, Third Floor, Bonham E  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Caroline Nelson, MD  
Robert G. Micheletti, MD

2006 Drug Allergy Worst Case Scenarios  
7:00 to 8:00 am  
Hyatt, Third Floor, Travis A  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Katherine N. Cahill, MD FAAAAI  
Roland Solensky, MD FAAAAI

2007 Can a Healthy Gut Improve Allergic Diseases?  
7:00 to 8:00 am  
Hyatt, Third Floor, Travis C  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Carina Venter, PhD RD  
Derrick Samuelson

2008 Guiding Subsequent Food Introductions After a Diagnosis of Food Protein-Induced Enterocolitis Syndrome (FPIES)  
7:00 to 8:00 am  
Hyatt, Third Floor, Presidio B  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Jacob D. Kattan, MD FAAAAI  
Lisa M. Bartnikas, MD

2009 Intralymphatic Immunotherapy (ILIT): The Future of Allergen Immunotherapy is Here: A Global Perspective  
7:00 to 8:00 am  
Hyatt, Fourth Floor, Crockett A  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Hans Jurgen Hoffmann, MD  
Amber M. Patterson, MD FAAAAI

2010 Structural Cells Support the Asthma Phenotype: Lessons Learned from the Asthma and Allergic Diseases Cooperative Research Centers (AADCRC)  
7:00 to 8:00 am  
Hyatt, Fourth Floor, Crockett C  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Michael Croft, PhD  
David H. Broide, MB ChB FAAAAI
Saturday Scientific Program

Seminars (continued)

2011  Antibiotic Prophylaxis and the Importance of Drug Allergy Delabeling in Primary Immunodeficiency (PIDD) Patients
  7:00 to 8:00 am
  Hyatt, Fourth Floor, Republic B
  Pre-registration and ticket required. Fee: $40.
  Credits: 1.00 CME/CE
  Jacqueline D. Squire, MD
  Jenna R. Bergerson, MD MPH

2012  Allied Health: Oral Immunotherapy: Not One Size Fits All
  7:00 to 8:00 am
  Convention Center, Meeting Room Level, Room 212B
  Pre-registration and ticket required. Fee: $20.
  Credits: 1.00 CME/CE
  Jaime E. Ross, RN MSN
  Terri Gagen-Hursey, NP

2013  Allied Health: A Multidisciplinary Approach to Patients with Severe Atopic Dermatitis
  7:00 to 8:00 am
  Convention Center, Meeting Room Level, Room 212A
  Pre-registration and ticket required. Fee: $20.
  Credits: 1.00 CME/CE
  Marc J. Serota, MD
  Megan Ott Lewis, MSN CRNP

Plenary

2101  Impact of Climate Change and Environmental Hazards on Allergic Disease
  8:15 to 9:45 am
  Convention Center, Lobby Level, Hall 2
  Credits: 1.50 CME/CE

  8:15 Introduction
  Cem Akin, MD PhD FAAAAI

  8:20 Urban Chemical Exposures and Epigenetics of Allergic Disease
  Rachel L. Miller, MD FAAAAI

  8:45 Climate Change, Wildfire Smoke Exposure and Immune Dysregulation in Asthma
  Lisa A. Miller, PhD

  9:15 Environmental Factors in Skin Barrier Dysfunction
  Cezmi A. Akdis, MD FAAAAI

Symposia

2301  World Allergy Forum: New Treatments for Difficult to Treat Inflammatory Diseases: Biologics and Small Molecules
  10:45 am to 12:00 pm
  Convention Center, Ballroom Level, Stars at Night B1
  Credits: 1.25 CME/CE

  10:45 Introduction
  Bryan L. Martin, DO FAAAAI

  10:50 What Have We Learned About Biologics?
  Rima A. Rachid, MD FAAAAI

  11:10 What We Are Learning About Janus Kinase (JAK) inhibitors for Atopic Dermatitis
  José Antonio Ortega Martell, MD

  11:30 Biomarkers and Biologics : The Promise for the Future
  Mubeccel Akdis, MD PhD

  11:50 Question & Answer Facilitation
  David A. Khan, MD FAAAAI

Saturday Poster Session

9:45 to 10:45 am
Convention Center, Lobby Level, Hall 2
Credits: 0.0 CME/CE
Please refer to the 2023 AAAAI Annual Meeting Mobile App or www.jacionline.org for abstract details.

001-005  Novel Insights into Type 2 Lymphocytes in Allergic Diseases

170-204  Drug Allergy

205-219  Asthma Pathogenesis and Inflammation

220-240  Asthma Epidemiology, Intervention and Public Health

241-254  Potpourri of Basic and Clinical Immunology

255-267  Airborne Allergens

268-304  Eosinophil Gastrointestinal Disorder (E gid), Food Protein-Induced Enterocolitis Syndrome (FPIES) and Alpha-Gal

305-326  Quality of Life, Adherence, Health Policy and Education

327-337  Novel Diagnostic Modalities and Treatments for Allergic Rhinoconjunctivitis and Chronic Sinusitis

338-347  Eosinophil-Driven Diseases

L37-L63  Late Breaking Poster Session

BW-D0  Saturday Case Reports
### Symposia (continued)

<table>
<thead>
<tr>
<th>Session Code</th>
<th>Title</th>
<th>Date and Time</th>
<th>Location</th>
<th>Credits</th>
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<tbody>
<tr>
<td>2302</td>
<td>Biologics in Severe Asthma: What Ones for Which Patients?</td>
<td>10:45 am to 12:00 pm</td>
<td>Convention Center, Ballroom Level, Stars at Night B4</td>
<td>1.25 CME/CE</td>
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<tr>
<td>10:45</td>
<td>Introduction</td>
<td>Meera R. Gupta, MD FAAAAI</td>
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<tr>
<td>10:50</td>
<td>The Ideal Severe Asthma Patient for IgE-Targeting Biologics</td>
<td>Nicola A. Hanania, MD MS</td>
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<tr>
<td>11:10</td>
<td>The Ideal Severe Asthma Patient for IL-5 Targeting Biologics</td>
<td>Michael E. Wechsler, MD</td>
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<tr>
<td>11:30</td>
<td>The Ideal Severe Asthma Patient for IL-4/IL-13 Targeting</td>
<td>Mario Castro, MD MPH</td>
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<tr>
<td>11:50</td>
<td>Question &amp; Answer Facilitation</td>
<td>Meera R. Gupta, MD FAAAAI</td>
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<tr>
<td>2303</td>
<td>Hot New Defects in Clinical Immunology</td>
<td>10:45 am to 12:00 pm</td>
<td>Convention Center, Ballroom Level, Hemisfair C1</td>
<td>1.25 CME/CE</td>
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<tr>
<td>10:45</td>
<td>Introduction</td>
<td>Kelli W. Williams, MD MPH FAAAAI</td>
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<tr>
<td>10:50</td>
<td>What's New in the Genetics of Common Variable Immunodeficiency (CVID)/Antibody Defects?</td>
<td>Monica G. Lawrence, MD FAAAAI</td>
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<td>11:10</td>
<td>Hot New Monogenic Combined Immunodeficiency Disorders</td>
<td>Michael Keller, MD</td>
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<tr>
<td>11:30</td>
<td>The Genetics of Autoinflammatory Disorders</td>
<td>Lisa R. Forbes Satter, MD FAAAAI</td>
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<tr>
<td>11:50</td>
<td>Question &amp; Answer Facilitation</td>
<td>Kelli W. Williams, MD MPH FAAAAI</td>
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<tr>
<td>2304</td>
<td>The Skin-ny on the Skin Microbiota</td>
<td>10:45 am to 12:00 pm</td>
<td>Convention Center, Meeting Room Level, Room 221C</td>
<td>1.25 CME/CE</td>
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<tr>
<td>10:45</td>
<td>Introduction</td>
<td>Andrew L. Kau, MD PhD</td>
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<tr>
<td>10:50</td>
<td>Antibiotic Exposures Alter the Skin Microbiota</td>
<td>Heidi Kong, MD MHSc</td>
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<tr>
<td>11:10</td>
<td>Topical Probiotics for the Treatment of Eczema</td>
<td>Richard Gallo, MD PhD</td>
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<tr>
<td>11:30</td>
<td>Establishment of the Skin Microbiome</td>
<td>Jennifer Schoch, MD</td>
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<tr>
<td>11:50</td>
<td>Question &amp; Answer Facilitation</td>
<td>Andrew L. Kau, MD PhD</td>
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<tr>
<td>2305</td>
<td>Allergy to COVID-19 Vaccines and COVID-19 Therapeutics</td>
<td>10:45 am to 12:00 pm</td>
<td>Convention Center, Ballroom Level, Hemisfair C3</td>
<td>1.25 CME/CE</td>
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<tr>
<td>10:45</td>
<td>Introduction</td>
<td>Kimberly A. Risma, MD PhD FAAAAI</td>
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<tr>
<td>10:50</td>
<td>Immune-Mediated Reactions to COVID-19 Vaccines: Epidemiology, Pathophysiology and Phenotypes</td>
<td>Cosby A. Stone, MD MPH</td>
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<tr>
<td>11:10</td>
<td>COVID-19 Vaccine Reaction Management</td>
<td>Ana Maria M. Copaescu, MD</td>
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<tr>
<td>11:30</td>
<td>Beyond Vaccines: Adverse Reactions to COVID-19 Therapeutics</td>
<td>David I. Hong, MD FAAAAI</td>
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<tr>
<td>11:50</td>
<td>Question &amp; Answer Facilitation</td>
<td>Kimberly A. Risma, MD PhD FAAAAI</td>
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<tr>
<td>2306</td>
<td>Emerging Diagnostic and Monitoring Approaches in Eosinophilic Gastrointestinal Diseases (EGID)</td>
<td>10:45 am to 12:00 pm</td>
<td>Convention Center, Lobby Level, Hall 2</td>
<td>1.25 CME/CE</td>
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<tr>
<td>10:45</td>
<td>Introduction</td>
<td>Melanie A. Ruffner, MD PhD</td>
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<tr>
<td>10:50</td>
<td>Treatments of Eosinophilic Esophagitis (EoE): Breakthrough in Biologics</td>
<td>Evan S. Dellon, MD</td>
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<tr>
<td>11:10</td>
<td>Blood and Urine Biomarkers of Eosinophilic Gastrointestinal Disorders</td>
<td>Justin Schwartz, MD</td>
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<tr>
<td>11:30</td>
<td>Severity of Eosinophilic Esophagitis (EoE)</td>
<td>Seema S. Aceves, MD PhD FAAAAI</td>
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<tr>
<td>11:50</td>
<td>Question &amp; Answer Facilitation</td>
<td>Melanie A. Ruffner, MD PhD</td>
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<tr>
<td>2307</td>
<td>Immunoglobulin E Explodes!: Lessons Learned from the Asthma and Allergic Diseases Cooperative Research Centers (AADCRCs)</td>
<td>10:45 am to 12:00 pm</td>
<td>Convention Center, Ballroom Level, Room 304A</td>
<td>1.25 CME/CE</td>
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<tr>
<td>10:45</td>
<td>Introduction</td>
<td>Cecilia Berin, PhD</td>
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<tr>
<td>10:50</td>
<td>Th1 in IgE Development</td>
<td>Stephanie C. Eisenbarth, MD PhD</td>
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<tr>
<td>11:10</td>
<td>CD23+IgG Memory B Cells Are Associated with Allergic Diseases</td>
<td>Maria Curotto de Lafaille, PhD</td>
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<tr>
<td>11:30</td>
<td>Human IgE mAb Structure-Based Design of Immunotherapeutics to Peanut</td>
<td>Scott A. Smith, MD PhD</td>
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<tr>
<td>11:50</td>
<td>Question &amp; Answer Facilitation</td>
<td>Cecilia Berin, PhD</td>
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For the most up to date information on the educational offerings of the 2023 AAAAI Annual Meeting, please visit our [Online Program](#).
### Saturday Scientific Program

#### Symposia (continued)

<table>
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<th>Location</th>
<th>Credits</th>
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<tbody>
<tr>
<td>2308</td>
<td>Allied Health: Beyond the Diagnosis: Other Aspects of Living with a Food Allergy</td>
<td>10:45 am to 12:00 pm</td>
<td>Convention Center, Meeting Room Level, Room 214C</td>
<td>1.25 CME/CE</td>
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<tr>
<td>10:45</td>
<td>Introduction</td>
<td>Megan O. Lewis, MSN CRNP</td>
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<tr>
<td>10:50</td>
<td>Allergen Safe Foods Can Be Expensive: How to Assess for Food Insecurity</td>
<td>Jodi A. Shroba, MSN APRN CPNP</td>
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<tr>
<td>11:10</td>
<td>Food Allergies Can Be Scary When Eating Outside of the Home</td>
<td>Alice Hoyt, MD</td>
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<tr>
<td>11:30</td>
<td>How to Navigate Stages of Life with Food Allergies</td>
<td>Maria A. Crain, RN MA CPNP</td>
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<tr>
<td>11:50</td>
<td>Question &amp; Answer Facilitation</td>
<td>Megan Ott Lewis, MSN CRNP</td>
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#### Workshops

<table>
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<th>Location</th>
<th>Credits</th>
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<tbody>
<tr>
<td>2309</td>
<td>Allied Health: Enhancing Asthma and Allergic Disease Care Adherence with a Psychosocial Assessment of Barriers: One Case Viewed Through Three Lenses</td>
<td>10:45 am to 12:00 pm</td>
<td>Convention Center, Meeting Room Level, Room 213B</td>
<td>1.25 CME/CE</td>
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<tr>
<td>10:45</td>
<td>Introduction</td>
<td>Bruce J. Lanser, MD MPH FAAAAI</td>
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<tr>
<td>10:50</td>
<td>Allied Heath: Enhancing Asthma and Allergic Disease Care Adherence with a Psychosocial Assessment of Barriers: One Case Viewed through Three Lenses</td>
<td>Jennifer M. Darr, MSW LCSW; Tamara Hubbard, LPC; Melissa T. Korenblat-Hanin, ACSW LCSW</td>
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<tr>
<td>11:50</td>
<td>Question &amp; Answer Facilitation</td>
<td>Bruce J. Lanser, MD MPH FAAAAI</td>
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#### Training Stations

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<th>Location</th>
<th>Credits</th>
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<tbody>
<tr>
<td>2401</td>
<td>Patch Testing: Basics and Beyond</td>
<td>12:00 to 2:00 pm</td>
<td>Convention Center, Lobby Level, Hall 2</td>
<td>0.25 CME/CE</td>
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<tr>
<td></td>
<td>Convention Center, Lobby Level, Hall 2</td>
<td></td>
<td>Marcella R. Aquino, MD FAAAAI</td>
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<td>Ellen R. Sher, MD FAAAAI</td>
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<td>Luz S. Fonacier, MD FAAAAI</td>
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<td>Marc J. Serota, MD</td>
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<td>Karin A. Pacheco, MD MSPH FAAAAI</td>
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<td>Jacqueline A. Ross, MD</td>
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<tr>
<td>2402</td>
<td>Current and Emerging Digital Technologies in Asthma</td>
<td>12:00 to 2:00 pm</td>
<td>Convention Center, Lobby Level, Hall 2</td>
<td>0.25 CME/CE</td>
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<td></td>
<td>Convention Center, Lobby Level, Hall 2</td>
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<td>Sharmilee M. Nyenhuis, MD FAAAAI</td>
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<td>Thainai Pongdee, MD FAAAAI</td>
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<td>Margaret Kuder, MD</td>
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<td>Marc L. Rubin, BScPharm</td>
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<td>Carolyn Sogla, RN</td>
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<td>William C. Anderson, MD FAAAAI</td>
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<td>Sunit P. Jariwala, MD FAAAAI</td>
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<td>Jonathan S. Tam, MD FAAAAI</td>
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<td>Sujani S. Kakumanu, MD FAAAAI</td>
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<td>Mitchell Pitlick, MD</td>
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**Saturday Scientific Program**

<table>
<thead>
<tr>
<th>Course</th>
<th>Oral Abstract Session</th>
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<tbody>
<tr>
<td>2405</td>
<td><strong>Career Paths in Allergy and Immunology</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
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<tr>
<td></td>
<td>12:00 to 1:45 pm</td>
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<td></td>
<td><em>Convention Center, Meeting Room Level, Room 217C</em></td>
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<td>Credits: 1.00 CME/CE</td>
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<tr>
<td>12:00</td>
<td><strong>Lunch</strong></td>
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<td><em>All Participants</em></td>
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<tr>
<td>12:15</td>
<td><strong>Welcome and Introduction</strong></td>
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<tr>
<td></td>
<td><em>Rebecca Scherzer, MD FAAAAI</em></td>
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<tr>
<td>12:25</td>
<td><strong>Academia: Clinical and Question/Answer</strong></td>
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<tr>
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<td><em>Princess U. Ogbovu, MD FAAAAI</em></td>
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<tr>
<td>12:30</td>
<td><strong>Academia: Clinical and Question/Answer</strong></td>
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<td><em>Kathleen E. Sullivan, MD PhD FAAAAI</em></td>
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<td>12:35</td>
<td><strong>Academia: Research and Question/Answer</strong></td>
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<td><em>Nora A. Barrett, MD FAAAAI</em></td>
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<tr>
<td>12:40</td>
<td><strong>Academia: Research and Question/Answer</strong></td>
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<td><em>Mitchell H. Grayson, MD FAAAAI</em></td>
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<td>12:45</td>
<td><strong>Industry and Question/Answer</strong></td>
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<td><em>Michael Howell, PhD</em></td>
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<td>12:50</td>
<td><strong>Industry and Question/Answer</strong></td>
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<td><em>Dorothy S. Cheung, MD FAAAAI</em></td>
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<td>12:55</td>
<td><strong>Government and Question/Answer</strong></td>
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<td></td>
<td><em>Melody C. Carter, MD FAAAAI</em></td>
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<td>1:00</td>
<td><strong>Government and Question/Answer</strong></td>
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<td><em>Taylor A. Banks, MD</em></td>
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<td>1:05</td>
<td><strong>Private Practice and Question/Answer</strong></td>
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<td><em>Maeve E. O’Connor, MD FAAAAI</em></td>
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<tr>
<td>1:10</td>
<td><strong>Private Practice and Question/Answer</strong></td>
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<td><em>Wenly Soong, MD FAAAAI</em></td>
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<tr>
<td>1:15</td>
<td><strong>Open Question and Answer Session</strong></td>
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<td><em>All Participants</em></td>
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<td>1:40</td>
<td><strong>Summary</strong></td>
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<td><em>Rebecca Scherzer, MD FAAAAI</em></td>
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</table>

**Oral Abstract Session**

| 2411         | **Allied Health Professional Assembly Business Meeting and Oral Abstract Session**<sup>2</sup> |
|              | 12:15 to 1:45 pm                                                                            |
|              | *Convention Center, Meeting Room Level, Room 214C*                                          |
|              | Credits: 1.25 CME/CE                                                                       |
|              | *Moderator: Maria A. Crain, RN MA CPNP*                                                     |
| 12:15        | **Business Meeting**                                                                       |
| 12:25        | **Asthma Symptom Action Plan (ASAP): Assessing the Need for, Creating and Implementing a Standardized Form for San Diego County Schools** |
|              | *Bruce D. Ball, Jr*                                                                        |
| 12:35        | **Caregiver Perception of Risk and Auto-Injector Carriage Rates in Multi-Allergic Compared to Mono-Allergic Children: A Long-Term Follow-Up Survey** |
|              | *Holly H. Barber, NP CPNP*                                                                 |
| 12:45        | **Persistent Penicillin Allergy Label in Pharmacies after Penicillin Allergy De-labeling** |
|              | *Althea Marie Diaz, MD*                                                                    |
| 12:55        | **Patient Characteristics Associated with Adequacy of Inhaler Technique in a Severe Asthma Cohort in the Bronx** |
|              | *Adam Haines, MD*                                                                          |
| 1:05         | **Pediatric Patient Participation in Food Allergy Encounters:**                           |
|              | *Provider Practices, Perspectives, Barriers, and Facilitators*                           |
|              | *Sara E. Voorhees, PhD*                                                                   |
| 1:15         | **The Mystery of Mulberry**                                                               |
|              | *James J. Anderson, MLT*                                                                  |
| 1:25         | **Baked Egg Oral Food Challenges: Modifying Decision Points for Success**                |
|              | *Emily English, RN CPNP*                                                                   |
| 1:35         | **Racial Disparities in Burden of Comorbid Asthma and Eczema**                            |
|              | *Emily Groce, NP*                                                                         |

**Seminars**

| 2501         | **Translating Asthma Research into Clinical Practice: Leveraging Quality Improvement and Implementation Science** |
|              | 12:30 to 1:30 pm                                                                            |
|              | *Hyatt, Second Floor, Bowie B*                                                              |
|              | Pre-registration and ticket required. Fee: $40.                                             |
|              | Credits: 1.00 CME/CE                                                                       |
|              | *Stanley J. Szefler, MD FAAAAI*                                                             |
|              | *Jessica L. Stern, MD MS*                                                                   |
| 2502         | **Practical Approach Towards Developing a Delayed Skin Testing Program in Your Clinic**   |
|              | 12:30 to 1:30 pm                                                                            |
|              | *Hyatt, Third Floor, Bonham B*                                                              |
|              | Pre-registration and ticket required. Fee: $40.                                             |
|              | Credits: 1.00 CME/CE                                                                       |
|              | *Matthew S. Krantz, MD*                                                                    |
|              | *Rebecca Saff, MD PhD FAAAAI*                                                               |

For the most up to date information on the educational offerings of the 2023 AAAAI Annual Meeting, please visit our Online Program.
Saturday Scientific Program

Seminars (continued)

2503 How to Take an Effective, Five-Minute Environmental and/or Occupational History
12:30 to 1:30 pm
Hyatt, Third Floor, Bonham C
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
David I. Bernstein, MD FAAAAI
Jonathan A. Bernstein, MD FAAAAI

2505 How DO You “Milk” a Coconut!? Practical Advice for Discussing and Selecting Appropriate Plant-Based Milk Alternatives for Milk-Allergic Children
12:30 to 1:30 pm
Hyatt, Third Floor, Bonham E
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Wendy Everson, RD LDN
Raquel Z. Durban, MS RD LDN

2506 Understanding Manufacturing and Supply Disruptions for Venom and Aeroallergens Extracts
12:30 to 1:30 pm
Hyatt, Third Floor, Travis A
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
David Golden, MD FAAAAI
Punita Ponda, MD FAAAAI

2507 Practical Approach for Evaluating and Managing Patients with Hypereosinophilia
12:30 to 1:30 pm
Hyatt, Third Floor, Travis C
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Fei Li Kuang, MD PhD
Amy Kilon, MD

2508 If I had a Hammer: Targeting Epithelial Alarmins
12:30 to 1:30 pm
Hyatt, Third Floor, Presidio B
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Hirohito Kita, MD
Ayobami Akenroye, MD MPH

2509 Inside the Black Box: Tools to Quantify Altered Immune Function in the Inborn Error of Immunity Patient
12:30 to 1:30 pm
Hyatt, Fourth Floor, Crockett A
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Jocelyn Farmer, MD PhD
Sarah E. Hennickson, MD PhD FAAAAI
Elena Hsieh, MD

Symposia

2521 Beyond Learning Early About Peanut Allergy (LEAP): National Institute of Allergy and Infectious Diseases (NIAID)-Supported Studies in Peanut Allergy Prevention
12:30 to 1:45 pm
Convention Center, Ballroom Level, Stars at Night B1
Credits: 1.25 CME/CE

12:30 Introduction
Lisa M. Wheatley, MD MPH

12:35 Early Peanut Introduction: Translation to Clinical Practice
Corinne Keet, MD MS PhD

12:55 Introduction
Lisa M. Wheatley, MD MPH

1:00 Training and Guideline Decision Support: Targeting Pediatricians
Ruchi S. Gupta, MD MPH

1:20 Introduction
Lisa M. Wheatley, MD MPH

1:25 LEAP Participants: Living with Ad Libitum Peanut Consumption
Gideon Lack, MD
Symposia (continued)

**2522 National Institute of Environmental Health Sciences (NIEHS): Exposure: Microbiome Interface in the Pathogenesis of Inflammatory Diseases**

12:30 to 1:45 pm
Convention Center, Ballroom Level, Stars at Night B4
Credits: 1.25 CME/CE

12:30 Introduction
Darryl C. Zeldin, MD

12:35 Environmental Exposures Modulate Airway Microbiome in Asthma
Stavros Garantziotis, MD

12:55 Isocyanate Exposure Predicts Atopic Dermatitis and Disrupts Therapeutic Pathways in Commensal Bacteria
Ian A. Myles, MD MPH

1:15 Ecological Interactions in Asthma: From Environment to Microbiota and Immune Responses
Yvonne Huang, MD

1:35 Question & Answer Facilitation
Stavros Garantziotis, MD

**2523 Negotiating Work-Life Integration**

12:30 to 1:45 pm
Convention Center, Meeting Room Level, Room 216B
Pre-registration and ticket required. Fee: $20.
Credits: 1.25 CME/CE

12:30 Introduction
Anil Nanda, MD FAAAAI

12:35 Negotiating Work-Life Integration
Theresa A. Bingemann, MD FAAAAI

12:55 Negotiating Work-Life Integration
Ewa H. Schafer, MD FAAAAI

1:15 Negotiating Work-Life Integration
Sakina S. Bajowala, MD FAAAAI

1:35 Facilitation of Reflection and Discussion
Anil Nanda, MD FAAAAI

**Debates**


12:30 to 1:30 pm
Convention Center, Ballroom Level, Room 301A
Credits: 1.00 CME/CE

12:30 Introduction
Juan Carlos Cardet, MD

12:35 GINA Guidelines
Jerry Krishnan, MD

1:00 NHLBI Guidelines
Alan P. Baptist, MD MPH FAAAAI

1:25 Question & Answer
Juan Carlos Cardet, MD

**2552 Patients with Secondary Hypogammaglobulinemia Need to Be on Immunoglobulin (IgG) Supplementation When Their IgG Is Below 400**

12:30 to 1:30 pm
Convention Center, Ballroom Level, Room 302A
Credits: 1.00 CME/CE

12:30 Introduction
Jennifer W. Leiding, MD FAAAAI

12:35 IgG Supplementation Should Only Be Started When Patients Begin to Experience Infections
Mark Ballow, MD FAAAAI

1:25 Question & Answer Facilitation
Jennifer W. Leiding, MD FAAAAI

1:00 IgG Supplementation Should Be Started When a Patient’s IgG Drops Below 400
Iris M. Otani, MD FAAAAI

**Interesting Case Workshop**

**2557 Interesting Cases: Allergy**

12:30 to 1:45 pm
Convention Center, Ballroom Level, Room 304A
Credits: 1.25 CME/CE

12:35 Something to Chew On
Rebecca M. Duron, MD

12:45 Dupilumab as a Treatment for HES with Associated AERD and EGID
Jenny Huang, MD

12:55 A Case of Coronary Vasospasm and Eosinophilia
Pavan Nataraj

1:05 Leukotriene Receptor Antagonist Prophylaxis to Food-Dependent Exercise-Induced Anaphylaxis
Vinh T. Nguyen, MD

1:15 Orofacial Granulomatosis Mimicking Angioedema: a Harbinger of Chronic Myelomonocytic Leukemia?
Irene H. Yuan, MD

**Oral Abstract Sessions**

**2601 Drug Hypersensitivity Today**

2:00 to 3:15 pm
Convention Center, Ballroom Level, Stars at Night B4
Credits: 1.25 CME/CE
Moderator: Anna R.Wolfson, MD

2:05 Utility And Safety of Drug Provocation Testing in Pediatric Ibuprofen Allergy
Ibtihal Alotaibi, MD

2:15 Basophil activation test may help achieve a better diagnosis in patients with hypersensitivity reactions to chemotherapeutics
Gador Bogas Herrera, MD

2:25 Drug reaction with eosinophilia and systemic symptoms (DRESS) with dual sensitization to both vancomycin and ceftriaxone
Matthew S. Krantz, MD

2:35 The role of HLA B*13:01 and HLA B*15:02 for predicting sulfonamide/trimethoprim-induced Severe Cutaneous Adverse Reactions (SCARs)
Kanokkarn Pinyoprompanish, MD

2:45 Assessing Allergic Reactions to Cephalosporins in Children
Carly Silcox
Oral Abstract Sessions (continued)

2602 Asthma Epidemiology and Risk Factors
2:00 to 3:15 pm
Convention Center, Ballroom Level, Stars at Night B2
Credits: 1.25 CME/CE
Moderators: Basil M. Kahwash, MD
Bridgette Jones, MD MS FAAAAI
2:05 Risk Factors for Asthma Development in Adult Patients in the Electronic Health Record: A Landmark Analysis from the Vanderbilt CardiOvascular and Multiple MetabOlic Disease in Obesity Resource (COMMODORE)
Melissa Bloodworth, MD PhD
2:15 Cohort study of early life environmental factors and risk of decreased lung function at age 6 years in children with a history of severe bronchiolitis
Geneva Mehta, MD
2:25 Early Life Risk Factors for Small Airways Dysfunction Across Childhood and Adolescence as Measured by Impulse Oscillometry
Caitlan Murphy, MD
2:35 Increased Exacerbation Burden in Allergic Polysensitized Patients with Moderate to Severe Asthma
Brian Patchett, MS
2:45 Comparison of Rhinitis Phenotypes with the Development of Asthma by Age 10 in an Urban Birth Cohort
Ross Tanis, MD

2603 The Basic Science of BCI
2:00 to 3:15 pm
Convention Center, Meeting Room Level, Room 225C
Credits: 1.25 CME/CE
Moderators: Sarah E. Henrickson, MD PhD FAAAAI
Jocelyn Farmer, MD PhD
2:05 Viral Neutralization Against SARS-CoV-2 is More Durable After Infection Versus Vaccination
Kelsea Chen
2:15 Modeling the 3D-structure of the ZAP-70-VAV-SLP-76 Complex Required for T cell Receptor Function
Viktor Urban
2:25 TLR4 Expression on Neutrophils and Peripheral Blood Monocytes in Patients with Acute SARS-CoV-2
Igor Yatskov
2:35 Regulatory T Cells are Necessary for Generation of CD8+ Tissue Resident Memory T cells Following Influenza Infection
Nurbek Mambetsariev, MD PhD
2:45 A cytometric survey of immune cell populations reveals an association between allergen-responsive natural killer (NK) cells and human peanut allergy
Xiaoying Zhou, MD PhD

2604 Early Life Effects of Environmental Exposures
2:00 to 3:15 pm
Convention Center, Ballroom Level, Room 301A
Credits: 1.25 CME/CE
Moderators: Timothy P. Moran, MD PhD FAAAAI
Perdita Permaul, MD FAAAAI
2:05 The impacts of ambient air pollution exposure during pregnancy on maternal and neonatal inflammatory biomarkers
Ji Won Ha
2:15 Bisphenol A (BPA) has transgenerational effects on the development of experimental asthma through BRD4/ZDHHC-1/STING axis
Terumi Midoro-Horiuti, MD PhD FAAAAI
2:25 Decreased pollen sensitization in school-age children after the COVID-19 pandemic: COCOA study
Kun Baek Song
2:35 Association of Urine Phthalate Levels with Skin Barrier Dysfunction and Atopic Sensitization in Children
Soon M. Sung, MD PhD
2:45 The Gut Microbiome of Infants Who Were Exposed in Utero to Hurricane Maria
Leyao Wang

2605 Oral Immunotherapy: Outcome, Dosing and Mechanism
2:00 to 3:15 pm
Convention Center, Ballroom Level, Stars at Night B1
Credits: 1.25 CME/CE
Moderators: Aikaterini Anagnostou, MD MSc PhD FAAAAI
Anna H. Nowak-Wegrzyn, MD PhD FAAAAI
2:05 Variability of allergen quantity in commercially available peanut-containing foods
Justin T. Marsh
2:15 Baseline Epitope-Specific IgE Profiles are Predictive of Sustained Unresponsiveness One Year Post OIT in the POISED Trial
Ashley Sang Eun Lee, MD
2:25 Pooled Analysis Of Long-term Immunological And Safety Outcomes Of Daily Oral Immunotherapy For Peanut Allergy Up To ~5 Years
J. Andrew Bird, MD FAAAAI
2:35 Sesame Oral Desensitization Outcomes in a Pediatric Cohort
Ami Shah, MD
2:45 How low can we go: preliminary efficacy of very low dose peanut oral immunotherapy
Julia Upton, MD MPH FAAAAI
### Oral Abstract Sessions (continued)

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Time</th>
<th>Location</th>
<th>Credits</th>
<th>Moderators</th>
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<tbody>
<tr>
<td>2606</td>
<td>Health Disparities and Social Determinants of Health</td>
<td>2:00 to 3:15 pm</td>
<td>Convention Center, Ballroom Level, Hemisfair C1</td>
<td>1.25 CME/CE</td>
<td>Juanita Mora, MD, Jessica L. Stern, MD MS</td>
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<tr>
<td>2:05</td>
<td>Evaluating the Relationship Between Social Determinants of Health (SDoH), Patient Demographics, and Access to Biologics in Patients with Moderate-to-Severe Asthma in Bronx, NY</td>
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<td>Nitza Granados</td>
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<td>2:15</td>
<td>Asthma Morbidity Measures Across Black Ethnic Subgroups</td>
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<td>Leah L. Ishmael, DO</td>
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<tr>
<td>2:25</td>
<td>African American Emerging Adults with Asthma: A Qualitative Study</td>
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<td>Alan P. Baptist, MD MPH FAAAAI</td>
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<td>2:35</td>
<td>Lower Likelihood of Allergist Evaluation for Black Children with Atopic Dermatitis Despite Increased Risk of Asthma</td>
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<td>Ellen D. Stephen, MD</td>
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<td>2:45</td>
<td>Food Insecurity and Food Allergy in Children of an Urban Minority Community: A Cross-Sectional Study</td>
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<td>Hao Tseng, MD MSc</td>
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<tr>
<td>2607</td>
<td>Updates in Rhinitis and Immunotherapy</td>
<td>2:00 to 3:15 pm</td>
<td>Convention Center, Ballroom Level, Hemisfair C3</td>
<td>1.25 CME/CE</td>
<td>Amber M. Patterson, MD FAAAAI, Desiree E. Larenas-Linnemann, MD FAAAAI</td>
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<tr>
<td>2:05</td>
<td>Use of a Novel High-Dimensional Single-Cell Analytical Method for Defining T-cell Skewing Induced by a Molecular Variant of Der p 2</td>
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<td>Naomi Bryant, MS</td>
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<td>2:15</td>
<td>Safety of Allergen Immunotherapy after a Gap in Treatment.</td>
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<td>Jenna Jung, MD</td>
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<tr>
<td>2:25</td>
<td>Efficacy of Sublingual Immunotherapy Tablets for Allergic Rhinoconjunctivitis in Adult Monosensitized and Polysensitized Subjects</td>
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<td>Harold S. Nelson, MD FAAAAI</td>
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<tr>
<td>2:35</td>
<td>Onset of Clinical Effect with Sublingual Immunotherapy Tablets for Allergic Rhinoconjunctivitis</td>
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<td>David I. Bernstein, MD FAAAAA</td>
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<td>2:45</td>
<td>Correlation between the basophil activation test and the severity of rhinitis in local respiratory allergy</td>
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<td>Almudena Testera Montes, PhD</td>
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### Late Breaking Oral Abstract Session – Basic

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<thead>
<tr>
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<th>Title</th>
<th>Time</th>
<th>Location</th>
<th>Credits</th>
<th>Moderator</th>
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<tbody>
<tr>
<td>2611</td>
<td>Mast Cells and Prostaglandin E2 Control Homeostasis in Lung Type 2 Inflammation Through Soluble ST2</td>
<td>2:00 to 3:15 pm</td>
<td>Convention Center, Meeting Room Level, Room 221C</td>
<td>1.25 CME/CE</td>
<td>Stephanie C. Eisenbarth, MD PhD</td>
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<td>2:05</td>
<td>Macrophage and Neutrophil Dysregulation are Associated with Persistent COVID-19-induced Olfactory Dysfunction</td>
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<td>Dante G. Minichetti</td>
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<td>2:25</td>
<td>Discrete T-Cell and Inflammatory Profiles in the Blood Define Pulmonary Phenotypes After COVID-19 Illness</td>
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<td>Glenda Canderan, PhD</td>
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<tr>
<td>2:35</td>
<td>High prevalence of autoantibodies in children after COVID-19 infection of differing levels of severity</td>
<td></td>
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<td>Katherine C. Konvinse, MD PhD</td>
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<td>2:45</td>
<td>Spatial and single-cell transcriptomics provide insights into the complex inflammatory cell network in atopic dermatitis</td>
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<td>Yasutaka Mitamura</td>
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### Keynote

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<th>Time</th>
<th>Location</th>
<th>Credits</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>2701</td>
<td>Global Vaccines and Vaccinations: The Science vs The Antiscience</td>
<td>3:30 to 4:30 pm</td>
<td>Convention Center, Lobby Level, Hall 2</td>
<td>1.00 CME/CE</td>
<td>David A. Khan, MD FAAAAI</td>
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<td>3:30</td>
<td>Introduction</td>
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<tr>
<td>3:35</td>
<td>Peter Hotez, MD PhD</td>
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</tbody>
</table>
Workshop

2813 Introductory Rhinolaryngoscopy Workshop with Hands-On Learning
3:30 to 6:30 pm
Convention Center, Meeting Room Level, Room 205
Pre-registration and ticket required. Fee: $50.
Credits: 2.00 CME/CE
4:30 Introduction to Rhinolaryngoscopy
Jerald W. Koepke, MD FAAAAI
5:00 Hands-On Rhinoscopy Instruction
Allen D. Adinoff, MD FAAAAI
5:00 Hands-On Rhinoscopy Instruction
David Elkayam, MD
5:00 Hands-On Rhinoscopy Instruction
Kevin R. Murphy, MD

Workshops

2801 Journal of Allergy and Clinical Immunology: In Practice Year-in-Review Workshop
3:30 to 6:30 pm
Convention Center, Ballroom Level, Stars at Night B1
Credits: 1.25 CME/CE
4:45 Introduction
Michael Schatz, MD MS FAAAAI
4:50 Asthma
Robert S. Zeiger, MD PhD FAAAAI
5:10 Food Allergy and Anaphylaxis
Scott H. Sicherer, MD FAAAAI
5:30 Drug Allergy and Urticaria/Angioedema
David M. Lang, MD FAAAAI
5:50 Question & Answer Facilitation
Michael Schatz, MD MS FAAAAI

2802 In the News at the American Board of Allergy and Immunology (ABAI)
3:30 to 6:30 pm
Convention Center, Ballroom Level, Room 304A
Credits: 1.25 CME/CE
4:45 Introduction
Princess U. Ogbogu, MD FAAAAI
4:50 Keeping Up with Your CAP 5-Year Cycle Score
Michael R. Nelson, MD PhD FAAAAI
5:10 What’s New with the CAP Test Writing Committee
Theodore M. Freeman, MD FAAAAI
5:30 ABAI Highlights: Ambassadors and Director Self-Nominations
Jeffrey R. Stokes, MD FAAAAI
5:50 Question & Answer Facilitation
Princess U. Ogbogu, MD FAAAAI

2803 Update from the US Food and Drug Administration
3:30 to 6:30 pm
Convention Center, Ballroom Level, Room 301A
Credits: 1.25 CME/CE
4:45 Introduction
Paul A. Greenberger, MD FAAAAI
4:50 FDA Year-in-Review
Stacy Chin, MD
5:10 Center for Drug Evaluation and Research: Hot Topics
Aishah Ali, MD
5:30 Center for Biologic Evaluation and Research: Hot Topics
Kathleen S. Hise, MD
5:50 Question & Answer Facilitation
Paul A. Greenberger, MD FAAAAI

2804 Hands-On Skin Biopsy for Allergists
3:30 to 6:30 pm
Convention Center, Meeting Room Level, Room 207A
Pre-registration and ticket required. Fee: $20.
Credits: 1.25 CME/CE
4:45 Introduction
Jacqueline A. Ross, MD
4:50 Instructors
David R. Weldon, MD FAAAAI
Marc J. Serota, MD
Jacqueline A. Ross, MD
5:50 Question and Answer
Jacqueline A. Ross, MD

2805 Managing Anaphylaxis to Allergy Injections: “Time is of the Essence”
3:30 to 6:30 pm
Convention Center, Ballroom Level, Stars at Night B4
Credits: 1.25 CME/CE
4:45 Introduction
Ruchi S. Gupta, MD MPH
4:50 Identification of Patients at Risk for, and Prompt Recognition of, Injection Related Anaphylaxis
Tolly I. Epstein, MD MS FAAAAI
5:10 Emergency Treatment of Injection Related Anaphylaxis
John M. Kelso, MD FAAAAI
5:30 Team Approach to Anaphylaxis in the Allergy Practice: Preparing Your Staff for the Inevitable
David I. Bernstein, MD FAAAAI
5:50 Question & Answer Facilitation
Gayatri B. Patel, MD MSci
## Saturday Scientific Program

### Workshops (continued)

<table>
<thead>
<tr>
<th>Workshop</th>
<th>Title</th>
<th>Time</th>
<th>Location</th>
<th>Credits</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2806</td>
<td>Secondary Hypogammaglobulinemia</td>
<td>4:45 to 6:00 pm</td>
<td>Convention Center, Ballroom Level, Hemisfair C3</td>
<td>1.25 CME/CE</td>
<td>Mildred Kwan, MD PhD FAAAAI; Antoine Azar, MD FAAAAI; Sara Barmettler, MD; Sarah K. Nicholas, MD</td>
</tr>
<tr>
<td>2807</td>
<td>Allergy and Adipose Tissue: Type 2 Control of Fat Function</td>
<td>4:45 to 6:00 pm</td>
<td>Convention Center, Ballroom Level, Room 302A</td>
<td>1.25 CME/CE</td>
<td>Caroline L. Sokol, MD PhD FAAAAI; Taku Kambayashi; Filipa Cardoso; Sagar Bapat</td>
</tr>
<tr>
<td>2808</td>
<td>The Ins and Outs of Severe Cutaneous Adverse Reactions (SCARs)</td>
<td>4:45 to 6:00 pm</td>
<td>Convention Center, Ballroom Level, Hemisfair C1</td>
<td>1.25 CME/CE</td>
<td>Melissa Iammatteo, MD; Munir Pirmohamed; Jason Trubiano, MD FAAAAI; Caroline Nelson, MD</td>
</tr>
<tr>
<td>2809</td>
<td>Beyond Shots: Environmental Controls as an Intervention to Treat Allergic Disease and Asthma</td>
<td>4:45 to 6:00 pm</td>
<td>Convention Center, Meeting Room Level, Room 225C</td>
<td>1.25 CME/CE</td>
<td>Elizabeth C. Matsui, MD MHS FAAAAI; Wanda Phipatanakul, MD MS FAAAAI; Michelle L. Hernandez, MD FAAAAI; Jay M. Portnoy, MD FAAAAI</td>
</tr>
<tr>
<td>2810</td>
<td>Eosinophilic Gastrointestinal Disorders (EGID) Below the Esophagus: What is New in Diagnosis?</td>
<td>4:45 to 6:00 pm</td>
<td>Convention Center, Ballroom Level, Stars at Night B3</td>
<td>1.25 CME/CE</td>
<td>Benjamin L. Wright, MD FAAAAI; Caitlin M. Burk, MD; Mima Chehade, MD MPH FAAAAI; Paneez Khoury, MD MHSc FAAAAI</td>
</tr>
<tr>
<td>2811</td>
<td>Food Challenges: Debates of Controversial and Challenging Issues</td>
<td>4:45 to 6:00 pm</td>
<td>Convention Center, Lobby Level, Hall 2</td>
<td>1.25 CME/CE</td>
<td>Stephanie A. Leonard, MD FAAAAI; Michael Pistiner, MD MMSc; J. Andrew Bird, MD FAAAAI; Andrea A. Pappalardo, MD FAAAAI; Christina E. Ciaccio, MD FAAAAI; Anna H. Nowak-Wegrzyn, MD PhD FAAAAI; Andrew J. MacGinnitie, MD PhD</td>
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</tbody>
</table>

For the most up to date information on the educational offerings of the 2023 AAAAI Annual Meeting, please visit our [Online Program](https://www.aaaai.org/meeting/).
Workshops (continued)

2812 Clarifying the Role, Pitfalls, and Approaches to Food Allergy Modeling
4:45 to 6:00 pm
Convention Center, Meeting Room Level, Room 221C
Credits: 1.25 CME/CE
4:45 Introduction
Timothy P. Moran, MD PhD FAAAAI
4:50 The Role of Interleukin 4 (IL4) and Interleukin 9 (IL-9) in Food Allergy Mouse Models
Simon P. Hogan, PhD
5:10 The Role of Epithelial Barriers in Food Allergy Mouse Models
Nicholas D. Lukacs, PhD
5:30 Limitations and Opportunities in Existing Animal Models of Food Allergy
Talal A. Chatila, MD MSc
5:50 Question & Answer Facilitation
Timothy P. Moran, MD PhD FAAAAI

2821 Allied Health: Oral Food Challenges: Putting It All Together
4:45 to 6:00 pm
Convention Center, Meeting Room Level, Room 214A
Pre-registration and ticket required. Fee: $20.
Credits: 1.25 CME/CE
4:45 Introduction
Kim E. Mudd, RN MSN CCRP
4:50 Panel Discussion
Bruce J. Lanser, MD MPH FAAAAI
4:50 Panel Discussion
Maria A. Crain, RN MA CPNP
4:50 Panel Discussion
Cindy M. Bandelier, RN
5:45 Panel Discussion Facilitation
Kim E. Mudd, RN MSN CCRP

Poster Discussion Workshop

2814 Cutting Edge Mechanisms in T2 Inflammation and Barrier Defense
4:45 to 6:00 pm
Convention Center, Meeting Room Level, Room 206B
Credits: 1.25 CME/CE
4:45 Poster Viewing
All Participants
5:25 CARD14 is a Novel Regulator of MYC Expression and Function in Human Keratinocytes
Stanley B. DeVore, MS
5:30 Neonatal mice infected with human metapneumovirus demonstrate Th2 skewing with primary and secondary infection
Taylor J. Eddens, MD
5:35 Interleukin 4 directly activates olfactory neurons and induces loss of smell in mice
Yannis Hara
5:40 The Role of a DNA Repair Protein NEIL2 in Regulating Allergic Airway Inflammation
Nisha Tapyal, PhD
5:45 Lactobacillus acidophilus Induces Enhancement of the Intestinal Epithelial Tight Junction Barrier Function by Toll-like Receptor-2 Independent of MyD88
Lauren Kaminsky, MD PhD
5:50 Question & Answer
All Participants
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Attend the 2023 AAAAI Annual Business Meeting
to include the induction of all new Fellows and members approved in 2022

Monday, February 27, 2023
8:15 to 9:15 am
Convention Center, Lobby Level, Hall 1
Respected worldwide, The Journal of Allergy and Clinical Immunology (JACI) is the most cited journal in the field of allergy and clinical immunology, publishing high-impact, cutting-edge basic, clinical and translational research papers in Allergy, Asthma and Immunology.

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www.jacionline.org
Sunday At-A-Glance

Sunday, February 27

6:00 AM
Registration 6:30 am - 5:00 pm

7:00 AM
Exhibit Hall 9:45 am - 6:15 pm

7:00 AM
Poster Hall 7:00 am - 6:15 pm

8:00 AM
Plenary 8:15 - 9:45 am

9:00 AM
Poster Presentations & Case Study Posters 9:45 - 10:45 am

9:45 AM
Symposia 10:45 am - 12:00 pm

10:00 AM
Exhibit Hall 9:45 am - 6:15 pm

11:00 AM
Training Station 12:00 - 2:00 pm

12:00 PM
Seminars (Hyatt) 7:00 - 8:00 am

12:00 PM
Seminars (Hyatt) & Pro/Con Debates 12:30 - 1:30 pm

1:00 PM
Workshops & Interesting Case Studies 12:30 - 1:45 pm

1:00 PM
Workshops 12:30 - 1:30 pm

2:00 PM
Allied Health Seminars 12:30 - 1:30 pm

2:00 PM
Oral Abstracts 2:00 - 3:15 pm

3:00 PM
Interest Section Forums 3:30 - 4:30 pm

3:00 PM
Featured Posters & Reception 4:45 - 6:15 pm

4:00 PM

5:00 PM

6:00 PM

8:00 AM

9:00 AM

10:00 AM

11:00 AM

12:00 PM

1:00 PM

2:00 PM

3:00 PM

4:00 PM

5:00 PM

6:00 PM
Sunday Scientific Program

**Seminars**

**3001**  
**Practical Issues of Managing a Patient with Allergic Skin Diseases on Biologics**  
7:00 to 8:00 am  
*Hyatt, Second Floor, Bowie B*  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Ellen R. Sher, MD FAAAAI  
Marc J. Serota, MD

**3002**  
**A Practical Guide to Biomarker Driven Management of Pediatric Asthma**  
7:00 to 8:00 am  
*Hyatt, Third Floor, Bonham B*  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
William J. Sheehan, MD FAAAAI  
Perdita Permaul, MD FAAAAI  
Marc J. Serota, MD

**3003**  
**Biologic Treatment for Asthma: Sociodemographic Disparities, Facilitating Access, and Streamlining the Approval Process**  
7:00 to 8:00 am  
*Hyatt, Third Floor, Bonham C*  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Elina Jerschow, MD FAAAAI  
Andrew A. White, MD FAAAAI  
Marc J. Serota, MD

**3004**  
**Do You Smell That? Inflammation and Olfactory Damage**  
7:00 to 8:00 am  
*Hyatt, Third Floor, Bonham D*  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Lora G. Bankova, MD FAAAAI  
Carol Yan

**3005**  
**The Science of Fecal Microbiota Transplant in Food Allergy**  
7:00 to 8:00 am  
*Hyatt, Third Floor, Bonham E*  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Rima A. Rachid, MD FAAAAI  
Andrew L. Kau, MD PhD

**3006**  
**Building a Chemotherapy Allergy Evaluation Program into Your Outpatient Practice**  
7:00 to 8:00 am  
*Hyatt, Third Floor, Travis A*  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
David I. Heng, MD FAAAAI  
Anna R. Wolfson, MD

**3007**  
**Health Effects of Wildfire Smoke in Adult and Pediatric Populations**  
7:00 to 8:00 am  
*Hyatt, Third Floor, Travis C*  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
David B. Peden, MD MS FAAAAI  
Anh P. Nguyen, MD MPH

**3008**  
**What is the Current Status of Automated Pollen Counters?**  
7:00 to 8:00 am  
*Hyatt, Third Floor, Presidio B*  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Dan Dalan, MD FAAAAI  
Peter J. Pityn, PhD

**3009**  
**Evaluation and Screening for Sleep Apnea and Other Sleep-Related Conditions in Chronic Rhinosinusitis**  
7:00 to 8:00 am  
*Hyatt, Fourth Floor, Crockett A*  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Mahboobeh Mahdavinia, MD PhD

**3010**  
**Immune Mechanisms of Pollutant-Mediated Asthma and Airway Inflammation**  
7:00 to 8:00 am  
*Hyatt, Fourth Floor, Crockett C*  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Angela Haczku, MD PhD FAAAAI  
Robert M. Tighe, MD

**3011**  
**Adverse Reactions to Ig Replacement**  
7:00 to 8:00 am  
*Hyatt, Fourth Floor, Republic B*  
Pre-registration and ticket required. Fee: $40.  
Credits: 1.00 CME/CE  
Peter S. Capucilli, MD  
Jennifer Heimall, MD FAAAAI
Sunday Scientific Program

Plenary

3101 Atopic Dermatitis: New Insights from Bench to Bedside to Populations
8:15 to 9:45 am
Convention Center, Lobby Level, Hall 2
Credits: 1.50 CME/CE

8:15 Introduction
Cathryn R. Nagler, PhD

8:20 Human Skin Commensal Microbe for Bacteriotherapy of Atopic Dermatitis
Richard Gallo, MD PhD

8:45 Introduction
Cathryn R. Nagler, PhD

8:50 Advances in Treatment for Atopic Dermatitis
Mark Boguniewicz, MD FAAAAI

9:15 Introduction
Cathryn R. Nagler, PhD

9:20 Making the Grading of Recommendations Assessment, Development, and Evaluation (GRADE): Practice Parameter Updates
Lynda C. Schneider, MD FAAAAI

Sunday Poster Session
9:45 to 10:45 am
Convention Center, Lobby Level, Hall 2
Credits: 0.0 CME/CE
Please refer to the 2023 AAAAI Annual Meeting Mobile App or www.jacionline.org for abstract details.

393-397 Cutting Edge Mechanisms in T2 Inflammation and Barrier Defense
398-479 Allergic Skin Disease
480-502 Asthma, COVID-19, and Chronic Cough Epidemiology and Outcomes
503-511 Asthma Management with Technologies
512-518 The Immunology of Allergy
520-555 Food Allergy: Epidemiology, Quality of Life, Mechanisms and Diagnosis
556-577 Epidemiology, Health Policy, Healthcare Economics and Information Technology
578-591 Mechanisms of Allergic Inflammation: Upper and Lower Airways Disease and Food Allergy

Symposia

3301 Insights into Alpha-gal Glycolipids, Hemostasis in Atopic Dermatitis, and Follistatin-like-1 Modulating Inflammatory Vasculitis: Research from the 2020 AAAAI Foundation Faculty Development Awardees
10:45 to 12:00 pm
Convention Center, Ballroom Level, Hemisfair C3
Credits: 1.25 CME/CE

10:45 Introduction
Mitchell H. Grayson, MD FAAAAI

10:50 Investigations into the Mammalian Oligosaccharide Galactose-a-1,3-Galactose (a-Gal) as an Agent of IgE-Mediated Delayed Anaphylaxis and Atherosclerosis
Jeffrey Wilson, MD PhD

11:05 Glycolipids and Invariant Natural Killer T Cells in Alpha-Gal Syndrome
Onyinye I. Iweala, MD PhD

11:20 The Role of Hemostasis in Atopic Dermatitis
Michael K. Sherenian, MD

11:35 Follistatin Like-1 Protein is a Modulator of Immune Response in inflammatory Vasculitis
Mark Gorelik, MD

11:50 Question & Answer Facilitation
Mitchell H. Grayson, MD FAAAAI

3302 European Academy of Allergy and Clinical Immunology (EAACI): The Immune Modulation Toolbox for Allergic Diseases and Asthma
10:45 am to 12:00 pm
Convention Center, Lobby Level, Hall 2
Credits: 1.25 CME/CE

10:45 Introduction
Ioana O. Agache, MD PhD

10:50 Allergen Immunotherapy
Marek M. Jutel, MD PhD

11:10 Omics Biomarkers
Markus W. Ollert, MD

11:30 Biologics
Stefano Del Giacco, MD

11:50 Question & Answer Facilitation
Ioana O. Agache, MD PhD
## Sunday Scientific Program

### Symposia (continued)

**3303**  
**Cytopenias in Patients with Inborn Errors of Immunity: Diagnosis and Treatment Dilemmas**  
10:45 am to 12:00 pm  
Convention Center, Meeting Room Level, Room 221C  
Credits: 1.25 CME/CE  
**Introductions**  
Huiyang Lu, MD PhD FAAAAI  
**Time**  
10:45  
**Session 1**  
**Cytopenias: Who and When to Test**  
Jolan Walter, MD PhD  
**Time**  
11:10  
**Session 2**  
**Immunologic Workup in Patients with Autoimmune and Non-Immune Cytopenias: Who and When to Test**  
Jocelyn Farmer, MD PhD  
**Time**  
11:30  
**Session 3**  
**Mechanism-Based Therapeutic Options for Patients with Cytopenias**  
Charlotte Cunningham-Rundles, MD PhD FAAAAI  
**Time**  
11:50  
**Q & A Facilitation**  
Hey J. Chong, MD PhD FAAAAI  
---  
**3304**  
**Using Drug Allergy Expertise to Improve Patient Care in Other Specialties**  
10:45 am to 12:00 pm  
Convention Center, Ballroom Level, Stars at Night B1  
Credits: 1.25 CME/CE  
**Introductions**  
Jason Kwah, MD  
**Time**  
10:45  
**Session 1**  
**Evaluation and Management of Penicillin Allergy in Pregnancy**  
Anna R. Wolfson, MD  
**Time**  
10:50  
**Session 2**  
**When Office Challenges to Acetylsalicylic Acid (ASA)/Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) are Important to Patient Care Outcomes**  
Tanya M. Laidlaw, MD FAAAAI  
**Time**  
11:10  
**Session 3**  
**Expand the Scope of Practice and Improve Patient Outcomes by Incorporating the Evaluation of Chemotherapy HSRs into Your Practice**  
Aleena Banerji, MD FAAAAI  
**Time**  
11:30  
**Q & A Facilitation**  
Iris M. Utani, MD FAAAAI  
---  
**3305**  
**Adult Food Allergy: Not Just Big Kids**  
10:45 am to 12:00 pm  
Convention Center, Ballroom Level, Hemisfair C1  
Credits: 1.25 CME/CE  
**Introductions**  
Punita Ponda, MD FAAAAI  
**Time**  
10:45  
**Session 1**  
**Shrimp and Fish Allergy**  
Mahboobeh Mahdavinia, MD PhD  
**Time**  
10:50  
**Session 2**  
**Alpha-Gal Syndrome: Beyond Mammalian Meat**  
Scott P. Commins, MD PhD  
**Time**  
11:10  
**Session 3**  
**Lipid Transfer Protein Allergy: The Relevance Outside of the Mediterranean Basin**  
Enrico Scala  
**Time**  
11:30  
**Q & A Facilitation**  
Punita Ponda, MD FAAAAI  
**Time**  
11:50  
---  
**3306**  
**Community-Level Environment and Rates and Risk Factors for Early Life Viral Infections**  
10:45 am to 12:00 pm  
Convention Center, Ballroom Level, Room 302A  
Credits: 1.25 CME/CE  
**Introductions**  
Margee Louisias, MD MPH  
**Time**  
10:45  
**Session 1**  
**Neighborhood Socioeconomic Factors in the Environmental Influences on Child Health Outcomes (ECHO)/Children’s Respiratory Research Workgroup (CREW) Consortium and Childhood Wheezing and Asthma**  
Antonella Zanobetti, PhD  
**Time**  
11:10  
**Session 2**  
**Early Life Viral infections and Air Pollutant Factors in Lung Health**  
Tina V. Hartert, MD MPH  
**Time**  
11:30  
**Q & A Facilitation**  
Margee Louisias, MD MPH  
**Time**  
11:50  
---  
**3307**  
**Improving the Pipeline into the Field of Allergy and Immunology to Improve Workforce Challenges**  
10:45 am to 12:00 pm  
Convention Center, Ballroom Level, Room 301A  
Credits: 1.25 CME/CE  
**Introductions**  
Rebecca Scherzer, MD FAAAAI  
**Time**  
10:45  
**Session 1**  
**Update on the Allergy/Immunology Match Statistics**  
Amal H. Assa’ad, MD FAAAAI  
**Time**  
10:50  
**Session 2**  
**Racial Disparities in the Allergy/Immunology Workforce**  
Gerald B. Lee, MD FAAAAI  
**Time**  
11:10  
**Session 3**  
**Panel Discussion on the Pipeline into the Field of Allergy and Immunology**  
Bridgette Jones, MD MS FAAAAI  
**Time**  
11:30  
**Q & A Facilitation**  
Margee Louisias, MD MPH  
**Time**  
11:50  
---  
**3308**  
**The Epithelium in Health and Disease and the Underlying Mechanisms of Chronic Rhinosinusitis**  
10:45 am to 12:00 pm  
Convention Center, Meeting Room Level, Room 225C  
Credits: 1.25 CME/CE  
**Introductions**  
Joseph K. Han, MD FAAAAI  
**Time**  
10:45  
**Session 1**  
**The Role of the Epithelium in Health and Disease and the Underlying Mechanisms of Chronic Rhinosinusitis**  
Robert P. Schleimer, PhD FAAAAI  
**Time**  
10:50  
**Session 2**  
**Utilization of Current and Novel Therapies Based Upon Biomarkers, Phenotypes and Endotypes for Chronic Rhinosinusitis with Nasal Polyps**  
Claus Bachert, MD PhD  
**Time**  
11:10  
**Session 3**  
**Guideline Recommendations and Emerging Treatments for Chronic Rhinosinusitis**  
Stella Lee, MD  
**Time**  
11:30  
**Q & A Facilitation**  
Joseph K. Han, MD FAAAAI  
**Time**  
11:50
### Sunday Scientific Program

**Symposia (continued)**

**3309** Advancing the Safety of Allergen Immunotherapy ▶
- **10:45 am to 12:00 pm**
- Convention Center, Ballroom Level, Stars at Night B4
- Credits: 1.25 CME/CE
- **10:45** Introduction
  - Harold S. Nelson, MD FAAAAI
- **10:50** Optimizing Patient Selection for Subcutaneous Allergen Immunotherapy, and How to Minimize Risks for High-Risk Patients
  - Christopher W. Calabria, MD FAAAAI
- **11:10** Optimizing Dosing and Buildup Strategies for Subcutaneous Allergen Immunotherapy, Including Dose Adjustment After Gaps in Therapy
  - Desiree E. Larenas Linnemann, MD FAAAAI
- **11:30** Optimizing Clinical Protocols for Subcutaneous Allergen Immunotherapy Related to Waiting Times, Epinephrine Autoinjectors and Treatment of Systemic Reactions
  - Tolly I. Epstein, MD MS FAAAAI
- **11:50** Question & Answer Facilitation
  - Harold S. Nelson, MD FAAAAI

**3310** Protective Power of Commensal Microbiota Against Allergic Diseases and Infection ▶
- **10:45 am to 12:00 pm**
- Convention Center, Ballroom Level, Room 304A
- Credits: 1.25 CME/CE
- **10:45** Introduction
  - Magdalena M. Gorska, MD PhD FAAAAI
- **10:50** Mucosal Fungi in Gut Barrier Function
  - Illyan Iliev, PhD
- **11:10** Intestinal Bacteria Protecting Against Allergy
  - Cathryn R. Nagler, PhD
- **11:30** Maintenance of the Skin Barrier Integrity by Commensal Microbes
  - Michael Otto, PhD
- **11:50** Question & Answer Facilitation
  - Magdalena M. Gorska, MD PhD FAAAAI

**Training Station**

**3401** Oral Food Challenges (OFC)
- **12:00 to 2:00 pm**
- Convention Center, Lobby Level, Hall 2
- Credits: 0.25 CME/CE
- J. Andrew Bird, MD FAAAAI
- S. Allan Bock, MD FAAAAI
- S. Shahzad Mustafa, MD FAAAAI
- Stephanie A. Leonard, MD FAAAAI
- Amanda L. Cox, MD FAAAAI
- Christopher P. Parrish, MD FAAAAI
- Poopa Varshney, MD FAAAAI
- Marion E. Gretch, MS RDN
- Christa Mills, MSN RN
- Morgan Peterman, APN

**Seminars**

**3501** Infant Anaphylaxis: Special Considerations ▶
- **12:30 to 1:30 pm**
- Hyatt, Second Floor, Bowie B
- Pre-registration and ticket required. Fee: $40.
- Credits: 1.00 CME/CE
- Michael Pistiner, MD MMSc
- Yamini V. Virkud, MD MA MPH FAAAAI

**3502** Problems in Diagnosis and Management of Insect Sting Allergy ▶
- **12:30 to 1:30 pm**
- Hyatt, Third Floor, Bonham B
- Pre-registration and ticket required. Fee: $40.
- Credits: 1.00 CME/CE
- David Golden, MD FAAAAI
- Theodore M. Freeman, MD FAAAAI

**3503** Problem–Based Learning (PBL) Approach to a Difficult Case of Chronic Cough ▶
- **12:30 to 1:30 pm**
- Hyatt, Third Floor, Bonham C
- Pre-registration and ticket required. Fee: $40.
- Credits: 1.00 CME/CE
- Don A. Bukstein, MD FAAAAI
- Ray S. Davis, MD FAAAAI

**3505** COVID–19 Testing: What is the Role of the Allergist/Immunologist in Guiding Clinical Testing? ▶
- **12:30 to 1:30 pm**
- Hyatt, Third Floor, Bonham E
- Pre-registration and ticket required. Fee: $40.
- Credits: 1.00 CME/CE
- Charles F. Schuler, MD
- Stephanie L. Ward, MD FAAAAI

**3506** Addressing Food Allergy-Related, Life Threatening Reactions and Fatalities ▶
- **12:30 to 1:30 pm**
- Hyatt, Third Floor, Travis A
- Pre-registration and ticket required. Fee: $40.
- Credits: 1.00 CME/CE
- Melissa M. Watts, MD MPH
- Timothy E. Dribin, MD

For the most up to date information on the educational offerings of the 2023 AAAAI Annual Meeting, please visit our Online Program.
## Sunday Scientific Program

### Seminars (continued)

<table>
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<tr>
<th>Seminar Code</th>
<th>Title</th>
<th>Time</th>
<th>Location</th>
<th>Pre-registration and ticket required</th>
<th>Fee</th>
<th>Credits</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>3507</td>
<td>Quality Improvement, Big Data and Healthcare Outcomes: How to Leverage Partnerships to Advance Quality Care</td>
<td>12:30 to 1:30 pm</td>
<td>Hyatt, Third Floor, Travis C</td>
<td>Pre-registration and ticket required. Fee: $40.</td>
<td>Fee required</td>
<td>1.00 CME/CE</td>
<td>Sujani S. Kakumanu, MD FAAAAI, Paige G. Wickner, MD MPH FAAAAI</td>
</tr>
<tr>
<td>3508</td>
<td>When Should Endoscopic Sinus Surgery Be Considered for Chronic Rhinosinusitis Patients?</td>
<td>12:30 to 1:30 pm</td>
<td>Hyatt, Third Floor, Presidio B</td>
<td>Pre-registration and ticket required. Fee: $40.</td>
<td>Fee required</td>
<td>1.00 CME/CE</td>
<td>Kent Lam, MD, Amber U. Luong, MD PhD</td>
</tr>
<tr>
<td>3509</td>
<td>The Role of Mast Cells in Allergic Disease: Old Cells with New Tricks</td>
<td>12:30 to 1:30 pm</td>
<td>Hyatt, Fourth Floor, Crockett A</td>
<td>Pre-registration and ticket required. Fee: $40.</td>
<td>Fee required</td>
<td>1.00 CME/CE</td>
<td>Nives Zimmermann, MD FAAAAI, Cem Akin, MD PhD FAAAAI</td>
</tr>
<tr>
<td>3510</td>
<td>Genetics of Atopy: Is Hyper-IgE Different from Allergy?</td>
<td>12:30 to 1:30 pm</td>
<td>Hyatt, Fourth Floor, Crockett C</td>
<td>Pre-registration and ticket required. Fee: $40.</td>
<td>Fee required</td>
<td>1.00 CME/CE</td>
<td>Joshua D. Milner, MD FAAAAI, Jennifer Heimall, MD FAAAAI</td>
</tr>
<tr>
<td>3511</td>
<td>Digital Health Interventions Improve the Collection of Asthma Patient-Reported Outcomes (PROs)</td>
<td>12:30 to 1:30 pm</td>
<td>Hyatt, Fourth Floor, Republic B</td>
<td>Pre-registration and ticket required. Fee: $40.</td>
<td>Fee required</td>
<td>1.00 CME/CE</td>
<td>Christopher D. Codispoti, MD PhD FAAAAI, Sindhura Bandi, MD FAAAAI</td>
</tr>
<tr>
<td>3512</td>
<td>Allied Health: Diagnostic Quandaries: Is it an Immunodeficiency?</td>
<td>12:30 to 1:30 pm</td>
<td>Convention Center, Meeting Room Level, Room 212B</td>
<td>Pre-registration and ticket required. Fee: $20.</td>
<td>Fee required</td>
<td>1.00 CME/CE</td>
<td>Brenda L. Snyder, MSN RN CPNP, Kristin Epland, NP</td>
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### Symposium

<table>
<thead>
<tr>
<th>Seminar Code</th>
<th>Title</th>
<th>Time</th>
<th>Location</th>
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<th>Fee</th>
<th>Credits</th>
<th>Authors</th>
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</thead>
<tbody>
<tr>
<td>3521</td>
<td>National Heart, Lung and Blood Institute (NHLBI): Managing Asthma in Older Adults</td>
<td>12:30 to 1:45 pm</td>
<td>Convention Center, Ballroom Level, Stars at Night B1</td>
<td></td>
<td></td>
<td>1.25 CME/CE</td>
<td>Andrea J. Apter, MD MA MSc FAAAAI</td>
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### Workshops

<table>
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<tr>
<th>Seminar Code</th>
<th>Title</th>
<th>Time</th>
<th>Location</th>
<th>Pre-registration and ticket required</th>
<th>Fee</th>
<th>Credits</th>
<th>Authors</th>
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<tr>
<td>3523</td>
<td>Tea with the Professor</td>
<td>12:30 to 1:45 pm</td>
<td>Convention Center, Meeting Room Level, Room 207A</td>
<td></td>
<td></td>
<td>1.25 CME/CE</td>
<td>Kimberly G. Blumenthal, MD MSc FAAAAI</td>
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<tr>
<td>3524</td>
<td>Drug Allergy</td>
<td>12:30</td>
<td>Convention Center, Meeting Room Level, Room 207A</td>
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<td>1.25 CME/CE</td>
<td>Luz S. Fonacier, MD FAAAAI</td>
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<tr>
<td>3525</td>
<td>Allergic Skin Diseases</td>
<td>12:30</td>
<td>Convention Center, Meeting Room Level, Room 207A</td>
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<td>1.25 CME/CE</td>
<td>Julie Wang, MD FAAAAI</td>
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<tr>
<td>3526</td>
<td>Anaphylaxis</td>
<td>12:30</td>
<td>Convention Center, Meeting Room Level, Room 207A</td>
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<td></td>
<td>1.25 CME/CE</td>
<td>Julie Wang, MD FAAAAI</td>
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</table>
### Workshop Schedule

#### Spirometry in the Office: Implementing the American Thoracic Society (ATS)/European Respiratory Society (ERS) Guidelines for Performance, Interpretation and Reporting

**Location:** Convention Center, Meeting Room Level, Room 206B  
**Time:** 12:30 to 1:45 pm  
**Fee:** $20  
**Credits:** 1.25 CME/CE

12:30 **Introduction**  
Derek M. Smith, MD

12:35 **Spirometry in the Office: Implementing the American Thoracic Society (ATS)/European Respiratory Society (ERS) Guidelines for Performance, Interpretation and Reporting**  
James M. Quinn, MD FAAAAI  
Karla E. Adams, MD FAAAAI  
Kevin M. White, MD

#### Debates

**Is There a Role for Aeroallergen Immunotherapy in the Treatment of Eosinophilic Esophagitis (EoE)?**

12:30 to 1:30 pm  
**Location:** Convention Center, Ballroom Level, Hemisfair C1  
**Credits:** 1.00 CME/CE

12:30 **Introduction**  
Punita Ponda, MD FAAAAI

12:35 **Subcutaneous Immunotherapy Does Not Improve Symptoms from Eosinophilic Esophagitis**  
Fred D. Atkins, MD FAAAAI

1:00 **Subcutaneous Immunotherapy Is Helpful in the Treatment of Eosinophilic Esophagitis**  
Maureen E. Bauer, MD FAAAAI

1:25 **Question & Answer Facilitation**  
Punita Ponda, MD FAAAAI

#### Biologics Should Be Used Before Aspirin Desensitization in Aspirin Exacerbated Respiratory Disease (AERD)

12:30 to 1:30 pm  
**Location:** Convention Center, Ballroom Level, Stars at Night B4  
**Credits:** 1.00 CME/CE

12:30 **Introduction**  
Patricia A. Takach, MD FAAAAI

12:35 **Biologics Should Be Used Before Aspirin Desensitization in AERD**  
Tanya M. Laidlaw, MD FAAAAI

1:00 **Biologics Should Not Be Used Before Aspirin Desensitization in AERD**  
Andrew A. White, MD FAAAAI

1:25 **Question & Answer Facilitation**  
Patricia A. Takach, MD FAAAAI

### Interesting Case Workshop

**Interesting Cases: Immunology**

12:30 to 1:45 pm  
**Location:** Convention Center, Ballroom Level, Room 304A  
**Credits:** 1.25 CME/CE

12:30 **Introduction**  
Lulu Tsao, MD

12:35 **EBV+ Diffuse Large B Cell CNS Lymphoma as a Complication of IL2RG SCID**  
Rebecca Koenigsberg, DO

12:45 **A Perilous Mistake: Methotrexate-induced Epidermal Necrosis Mimicking Stevens Johnson Syndrome**  
Prarthana Patel, MD

12:55 **Severe CD4 Lymphopenia in a Patient with TRAF3 Haploinsufficiency**  
Tomara K. Spiess, MD

1:05 **X-linked Chronic Granulomatous Disease with Hemophagocytic Lymphohistiocytosis and McLeod Phenotype**  
Allison Weinsicht, MD

1:15 **A Case of Hypocalcemic Tetany in a Patient with X-linked Agammaglobulinemia**  
Ashley Y. Wu, MD

1:25 **Question & Answer Facilitation**  
Lulu Tsao, MD

### Oral Abstract Sessions

**Novel Insights into Atopic Dermatitis**

2:00 to 3:15 pm  
**Location:** Convention Center, Ballroom Level, Stars at Night B4  
**Moderators:** Peck Y. Ong, MD FAAAAI  
Katherine L. Tuttle, MD

2:05 **Cancer Risk With Topical Pimecrolimus and Tacrolimus For Atopic Dermatitis: Systematic Review and Bayesian Meta-Analysis**  
Alexandro Chu, BHSch

2:15 **Low non-lesional filaggrin mediates longitudinal Staphylococcus aureus skin colonization, leading to worse atopic dermatitis clinical outcomes in the MPAACH cohort**  
Arya Dahal

2:25 **Stratum corneum lipid biomarkers at two months of age predict future onset of atopic dermatitis**  
Evgeny Berdyshew, PhD

2:35 **Association of Atopic Dermatitis with Proximity to Major Roads**  
Michael Z. Nevid, MD

2:45 **Crosstalk between Aryl Hydrocarbon Receptor (AHR) Pathway and IL-13 Signaling in Human Keratinocytes and Implications for Atopic Dermatitis**  
Steven P. Proper, PhD DO
Oral Abstract Sessions (continued)

3602 Asthma Diagnosis and Therapy
2:00 to 3:15 pm
Convention Center, Ballroom Level, Hemisfair C1
Credits: 1.25 CME/CE
Moderators: Sharmilee M. Nyenhuis, MD FAAAAI
Paul V. Williams, MD FAAAAI
2:05 Tezepelumab Reduces Exacerbations Across All Seasons In Patients With Severe, Uncontrolled Asthma With Seasonal Allergy: Results From The Phase 3 NAVIGATOR Study
Jonathan Corren, MD
2:15 Lebrikizumab Decreases Inflammatory Biomarkers in Patients with Asthma: Data from Randomized Phase 3 Trials (LAVOLTA I and II)
Stanley J. Szefler, MD FAAAAI
2:25 Objective Assessment of Nighttime Cough in Uncontrolled Asthma Does Not Correlate with Patient Self-Reported Symptoms
David A. Stempel, MD FAAAAI
2:35 Dupilumab Reduces Exacerbations And Improves Lung Function In Children (6â€“11 Years) With Moderate-To-Severe Asthma And High Eosinophils
Daniel J. Jackson, MD FAAAAI
2:45 Dupilumab Reduces Exacerbations And Improves Lung Function Regardless Of Prior Asthma Exacerbation Status: LIBERTY ASTHMA TRAVERSE Open-Label Extension Study
Alberto Papi, MD
3603 COVID-19 Vaccination and Infection in Patients with Primary Immunodeficiency Disorders
2:00 to 3:15 pm
Convention Center, Ballroom Level, Stars at Night B1
Credits: 1.25 CME/CE
Moderators: Michael Keller, MD
Jessica R. Durkee-Shock, MD
2:05 Kinetics of Response to Severe Acute Respiratory Syndrome Coronavirus 2 Vaccine Doses in Patients With Predominant Antibody Deficiency
Daniel V. DiGiacomo, MD MPH
2:15 Response to Severe Acute Respiratory Syndrome Coronavirus 2 Initial Series Vaccine in Pediatric Patients with Predominant Antibody Deficiency
Megha Tandon
2:25 Description of COVID-19 infection in 92 patients with primary or secondary immunodeficiency followed at the Immunodeficiency Outpatient Clinic of a tertiary hospital
Guacira R. Franco
2:35 Tixagevimab and Cilgavimab (Evusheld â€“ AstraZeneca) efficacy in preventing COVID infection in immunocompromised patients
Christelle Miot, MD
2:45 Assessing SARS-CoV-2 Antigen Specific T-cell Responses After mRNA Vaccination and/or Omicron Variant COVID-19 Infection in Patients with Primary Humoral Immunodeficiencies
David A. Sanchez, MD
3604 The Many Faces of Fungi
2:00 to 3:15 pm
Convention Center, Meeting Room Level, Room 225C
Credits: 1.25 CME/CE
Moderators: Tara L. Croston, PhD
Angela R. Lemons, MD
2:05 Developing a chronic model of Candida albicans cerebral mycosis through gut colonization
Lynn H. Bimler
2:15 Comparing Fungal Aeroallergen Hypersensitivity in Adult versus Pediatric Populations: A Systematic Review
Maxwell Green
2:25 The contribution of yeasts to occupant exposure in an office building with water incursion
Angela R. Lemons, MS
2:35 Proteomic evaluation of spore and hyphae proteomes of Alternaria alternata
Michael B. Strader, PhD
3605 Eosinophilic Esophagitis: Pathogenesis and Therapy
2:00 to 3:15 pm
Convention Center, Ballroom Level, Stars at Night B2
Credits: 1.25 CME/CE
Moderator: Ari J. Fried, MD
2:05 Dupilumab suppresses type 2 biomarkers of inflammation in patients with eosinophilic esophagitis: from Part B of LIBERTY-EoE-TREET
Ikuo Hirano
2:15 Predictive Histologic Markers For Long-term Pediatric Eosinophilic Esophagitis
Ayse B. Kolemen
2:25 Major depression and Suicide: A Common Comorbidity of Eosinophilic Esophagitis
Victoria T. Nguyen, DO
2:35 Dysregulated interferon signaling in EoE has potential implications for esophageal epithelial cell function
Melanie A. Ruffner, MD PhD
2:45 Dupilumab improves type 2 comorbidity outcomes in patients with eosinophilic esophagitis and comorbid disease at baseline: from Parts A and B of LIBERTY-EoE-TREET
Jonathan M. Spergel, MD PhD FAAAAI
Oral Abstract Sessions (continued)

3606  Quality of Life and Behavioral Intervention in the Treatment of Allergic Disease ▼
2:00 to 3:15 pm
Convention Center, Ballroom Level, Room 302A
Credits: 1.25 CME/CE
Moderator: Andrea A. Pappalardo, MD FAAAAI
2:05 Efficacy of a 6-Month Online Market Platform in Addressing Food Insecurity and Supporting Food Allergy Management in Predominantly Spanish-speaking and Low-income communities During the COVID-19 Pandemic
Marleni Albarran
2:15 Effects of Insurance Status on Infantile Atopic Dermatitis Severity and Parental Quality of Life
Megan Bannon, MD
2:25 Normative Data for the Impairment Measure for Parental Food Allergy-Associated Anxiety and Coping Tool (IMPAACT) in a Canadian Sample
Michael A. Golding, MA
2:35 Acceptability, feasibility, and initial results from a behavioral intervention for early adolescents with food allergy: The Food Allergy Mastery Program
Linda Herbert, PhD
2:45 Assessing the Family-Level Impact of Pediatric Food Allergy: Development of the PEACH Tool
Kaitlin B. Proctor, PhD

3607  Updates in Chronic Rhinosinusitis and Nasal Polyps ▼
2:00 to 3:15 pm
Convention Center, Ballroom Level, Room 301A
Credits: 1.25 CME/CE
Moderators: Kathleen M. Buchheit, MD FAAAAI Mahboobeh Mahdavinia, MD PhD
2:05 Oral Corticosteroid Burden and Healthcare Resource Utilization (HCRU) in Patients with Chronic Rhinosinusitis with Nasal Polyps (CRSsNP) Undergoing Functional Endoscopic Sinonasal Surgery (FESS): A Real-World Retrospective Cohort Study
Danielle L. Isaman
2:15 Characteristics of Patients with Chronic Rhinosinusitis with Nasal Polyps (CRSsNP) Who Did or Did Not Undergo Functional Endoscopic Sinus Surgery (FESS) in a US Real-World Retrospective Cohort Study
Asif Khan
2:25 Antecedent chronic rhinosinusitis is a risk factor for the development of bronchiectasis
So Lim Kim, MD
2:35 A Minimally Invasive Sinonasal Swab Sampling Method and Eosinophil Peroxidase Activity Assay Accurately Predicts Tissue Eosinophilia in Chronic Rhinosinusitis
Kristine A. Smith
2:45 Eosinophil, mast cell and basophil microparticle in nasal lavage fluids as potential biomarkers for type 2 inflammation in chronic rhinosinusitis with nasal polyps
Toru Takahashi, MD PhD

3608  Novel Mast Cell Targets to Treat Allergic Disease ▼
2:00 to 3:15 pm
Convention Center, Meeting Room Level, Room 221C
Credits: 1.25 CME/CE
Moderators: Cem Akin, MD PhD FAAAAI
2:05 Efficacy and Safety of Avapritinib in Indolent Systemic Mastocytosis (ISM): Results from the Double Blinded Placebo-Controlled PIONEER Study
Mariana C. Castells, MD PhD
2:25 MOD000001, a Novel Highly Selective and Orally Available KIT Inhibitor, Suppresses Passive Cutaneous Anaphylactic (PCA) Reaction and Food Allergy in Mice
Atsuhito Nakao
2:35 Identification of MOD000001, A Novel Highly Selective and Orally Available KIT Inhibitor Designed for Treatment of Mast Cell-Associated Disorders
Takeo Urakami
2:45 MRGPRX2 Antagonist EP262 Potently Inhibits Agonist-Induced Mast Cell Degranulation In Vitro and In Vivo
Joshua Wollam

3609  Improving the Care of Patients with Beta-Lactam Allergies ▼
2:00 to 3:15 pm
Convention Center, Ballroom Level, Hemisfair C3
Credits: 1.25 CME/CE
Moderators: Eric M. Macy, MD FAAAAI
2:05 A Quality Improvement Intervention to Enhance Cephalosporin Utilization for Surgical Prophylaxis in Reported Penicillin Allergy
Ami Belmont, MD
2:15 Inpatient Direct Oral Penicillin Challenge â€“ A Large Prospective Cohort Study
Kyra YL. Chua, MBBS, PhD
2:25 Efficacy and Safety of a Direct Challenge Standard Operating Procedure for Low Risk Reactions in Children to Antibiotics
Grace Koo, MD
2:35 Associations Between Neonatal Beta-Lactam Exposure and Adverse Drug Reactions by Age 5 Years
Benjamin C. Stewart-Bates, DO
2:45 A Shorter Time to DRESS â€“ Redefining Beta-lactam associated drug reaction with eosinophilia and systemic symptoms
Fiona James
Sunday Scientific Program

Oral Abstract Sessions (continued)

3611 Late Breaking Oral Abstract Session: Clinical Science ▶️
2:00 to 3:15 pm
Convention Center, Ballroom Level, Room 304A
Credits: 1.25 CME/CE
Moderators: Edwin Kim, MD FAAAAI
Corinne Keet, MD MS PhD
2:05 Biologic Pathways Involved In Hereditary Angioedema And Response To Ruconest® Treatment during prodrome and attack
Debajyoti Ghosh, PhD FAAAAI
2:10 Reproduction of HLA-A*32:01 and other genetic and ecological factors associated with Vancomycin Drug Reaction With Eosinophilia And Systemic Symptoms in An Electronic Health Record-Based Study
Matthew S. Krantz, MD
2:25 Avapritinib Improved Skin Findings In Patients With Indolent Systemic Mastocytosis (ISM) in the Registrational, Double-Blind, Placebo Controlled PIONEER Study
Marcus Maurer, MD
2:35 Gut Microbiome Membrane Lipids and Bile Acids Relate to Peanut Oral Immunotherapy Outcomes
Mustafa Ozcam, PhD
2:45 Understanding experiences, barriers, and facilitators of safe airline travel—A global survey of food allergy patients and caregivers
Christopher M. Warren, PhD
2:55 Long-term treatment with remibrutinib shows favorable safety profile and sustained efficacy in patients with chronic spontaneous urticaria: Final results from the 52-week phase 2b extension study
Warner W. Carr, MD FAAAAI

Interest Section Forums

3701 ADDA: The Role of Pollutants in the Dysbiosis of Atopic Dermatitis ▶️
3:30 to 4:30 pm
Convention Center, Meeting Room Level, Room 217C
Credits: 0.50 CME/CE
3:30 Business Meeting
Kimberly G. Blumenthal, MD MSc FAAAAI
4:00 The Role of Pollutants in the Dysbiosis of Atopic Dermatitis
Ian A. Myles, MD MPH
3702 ADT: Food as Medicine: An Emerging Treatment for Asthma ▶️
3:30 to 4:30 pm
Convention Center, Meeting Room Level, Room 221C
Credits: 0.50 CME/CE
3:30 Business Meeting
Sharmilee M. Nyenhuis, MD FAAAAI
4:00 An Emerging Treatment for Asthma
Sharmilee M. Nyenhuis, MD FAAAAI

3703 BCI: I Found a Handful of Variants of Uncertain Significance (VUS), Now What? ▶️
3:30 to 4:30 pm
Convention Center, Meeting Room Level, Room 214C
Credits: 0.50 CME/CE
3:30 Business Meeting
Rebecca Scherzer, MD FAAAAI
4:00 I Found a Handful of Variants of Uncertain Significance (VUS), Now What?
Ivan Chinn, MD

3704 EORD: Is Your Job Making You Sick? Approach to the Patient with Occupational Asthma ▶️
3:30 to 4:30 pm
Convention Center, Ballroom Level, Room 302A
Credits: 0.50 CME/CE
3:30 Business Meeting
Jay M. Portnoy, MD FAAAAI
4:00 Is Your Job Making You Sick? Approach to the Patient with Occupational Asthma
David I. Bernstein, MD FAAAAI

3705 FAED: Food Allergy: Then and Now ▶️
3:30 to 4:30 pm
Convention Center, Ballroom Level, Hemisfair C1
Credits: 0.50 CME/CE
3:30 Business Meeting
Amal H. Assa’ad, MD FAAAAI
4:00 Food Allergy: Then and Now
Hugh A. Sampson, MD FAAAAI
Thomas B. Casale, MD FAAAAI
S. Allan Bock, MD FAAAAI

3706 HETQ: AI for AI: Artificial Intelligence in Allergy/Immunology ▶️
3:30 to 4:30 pm
Convention Center, Ballroom Level, Room 301A
Credits: 0.50 CME/CE
3:30 Business Meeting
Princess U. Ogbogu, MD FAAAAI
4:00 AI for AI: Artificial Intelligence in Allergy/Immunology
Paneez Khoury, MD MHSc FAAAAI

3707 IRSO: A Panel of Experts for Guidance of Biologics in Chronic Rhinosinusitis with Nasal Polyps (CRSwNP) ▶️
3:30 to 4:30 pm
Convention Center, Meeting Room Level, Room 225C
Credits: 0.50 CME/CE
3:30 Business Meeting
Patricia A. Takach, MD FAAAAI
4:00 Omalizumab
Claus Bachert, MD PhD
4:00 Mepolizumab
Peter W. Hellings, MD
4:00 Dupilumab
Tanya M. Laidlaw, MD FAAAAI
Sunday Scientific Program

Interest Section Forums (continued)

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<th>Time</th>
<th>Session</th>
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<tr>
<td>3:30</td>
<td>Business Meeting</td>
<td>Convention Center, Ballroom Level, Room 304A</td>
<td>0.50 CME/CE</td>
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<tr>
<td>3:30</td>
<td>Business Meeting</td>
<td>Rome Sehmi, PhD FAAAAI</td>
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<tr>
<td>3:30</td>
<td>Innate Lymphoid Cells in Mucosal Immunity</td>
<td>Roma Sehmi, PhD FAAAAI</td>
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<tr>
<td>3:30</td>
<td>Innate Lymphoid Cells in Mucosal Immunity</td>
<td>Randy Longman, MD PhD</td>
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Featured Poster Sessions

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<th>Session</th>
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<tr>
<td>3:30</td>
<td>Allied Health Featured Poster</td>
<td>Convention Center, Lobby Level, Hall 2</td>
<td>0.0 CME/CE</td>
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<tr>
<td>3:30</td>
<td>ADDA Highlights 2023</td>
<td>Convention Center, Lobby Level, Hall 2</td>
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<tr>
<td>3:30</td>
<td>Infant and Neonatal Influences on Asthma</td>
<td>Convention Center, Lobby Level, Hall 2</td>
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<tr>
<td>3:30</td>
<td>Inborn Errors of Immunity</td>
<td>Convention Center, Lobby Level, Hall 2</td>
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<tr>
<td>3:30</td>
<td>Basic and Translational Research Models to Examine Health Effects of Environmental Exposures</td>
<td>Convention Center, Lobby Level, Hall 2</td>
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<tr>
<td>3:30</td>
<td>From IgE Mediated Reaction to Eosinophilic Esophagitis Passing by Food Protein-Induced Enterocolitis Syndrome</td>
<td>Convention Center, Lobby Level, Hall 2</td>
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<tr>
<td>3:30</td>
<td>Quality Improvement in Food Allergy, Anaphylaxis and Primary Immunodeficiency Management</td>
<td>Convention Center, Lobby Level, Hall 2</td>
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<td>3:30</td>
<td>Nasal Polyposis: Mechanisms and Novel Treatment Options</td>
<td>Convention Center, Lobby Level, Hall 2</td>
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<tr>
<td>3:30</td>
<td>Regulation of Adaptive Immunity to Allergens</td>
<td>Convention Center, Lobby Level, Hall 2</td>
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- Listing in the AAAAI Find an Allergist / Immunologist directory
- Submit questions to Ask the Expert
- And more

For a full list of member benefits and information about how to apply, visit www.aaaai.org/About/Membership

For the most up to date information on the educational offerings of the 2023 AAAAI Annual Meeting, please visit our Online Program.
Apply today for the opportunity to have your research supported for three years!

***AAAIF-0822-168***

**2024 AWARD TIMELINE**

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<tr>
<td>Letter of Intent Opens</td>
<td>July 2023</td>
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<tr>
<td>Letter of Intent Due</td>
<td>September 2023</td>
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<tr>
<td>Top Finalists Notified</td>
<td>September 2023</td>
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<tr>
<td>Complete Applications Due</td>
<td>November 2023</td>
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<tr>
<td>Review Results Announced</td>
<td>December 2023</td>
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</table>

This mentored award provides up to $240,000 in funding over a three-year period and is intended to support the development of careers in Allergy and Immunology. Multiple awards will be made to further the development of junior faculty into independent investigators by funding excellent research that leads to the prevention and cure of asthma and allergic and immunologic diseases.

The AAAAI Foundation is especially interested in funding health equity research as it applies to allergy and immunology, as well as research that promotes awareness of diversity and inclusivity within the field of allergy and immunology.

The AAAAI Foundation is committed to increasing ethnic and racial diversity in the A/I field, and strongly encourages minority applicants to apply. Further, the AAAAI Foundation is committed to geographic diversity in the A/I field, and strongly encourages applications from diverse geographic areas. To learn more please visit [aaaai.org/About/AAAAI-Diversity-Equity-and-Inclusion-Statement](aaaai.org/About/AAAAI-Diversity-Equity-and-Inclusion-Statement).

**Eligibility:**

- Must be board certified in A/I by the American Board of Allergy and Immunology (ABAI) or hold the equivalent certification from the Royal College of Physicians and Surgeons of Canada (RCPSC).
- At the time of Letter of Intent, applicant must be no more than 5 years post the ACGME mandated training program requirement of 2 years in A/I.
- Primary faculty appointment must be in the discipline of A/I and the applicant needs to have a current mentor.
- One of the following degrees: MD, MD/PhD, DO, DO/PhD.
- Applicants must be citizens or permanent residents of the United States or Canada.
- Applicants must be AAAAI members or submit a membership application prior to submitting a Letter of Intent.
- No program can have more than 2 active Foundation Faculty Development Awards.
- A sponsoring university or institution that has multiple A/I training programs cannot have more than three active awards.

**Award term is July 1, 2024 to June 30, 2027.**

For complete details, please visit [aaaaifoundation.org/research](aaaaifoundation.org/research)
Monday Scientific Program

Seminars

4002 Shared Decision Making for Food Allergy Therapy: Practical Steps
7:00 to 8:00 am
Hyatt, Third Floor, Bonham C
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Alkaterini Anagnostou, MD MSc PhD FAAAAI
Christina E. Ciaccio, MD FAAAAI

4003 Starting Penicillin Allergy Evaluations: Tools for Risk Assessment at Point of Care
7:00 to 8:00 am
Hyatt, Third Floor, Bonham D
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Jason Trubiano, MD FAAAAI
Allison C. Ramsey, MD FAAAAI
Kelli W. Williams, MD MPH FAAAAI

4005 Beyond IL-1: Novel Autoinflammatory Disorders
7:00 to 8:00 am
Hyatt, Third Floor, Travis A
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Lori Broderick, MD PhD
Raphaella T. Goldbach-Mansky, MD MHS

4006 Coming of Age: Neutrophils and Asthma
7:00 to 8:00 am
Hyatt, Third Floor, Travis C
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Mitchell H. Grayson, MD FAAAAI
Larry Borish, MD FAAAAI

4007 Integrative Medicine Treatment Modalities for Long COVID-19
7:00 to 8:00 am
Hyatt, Third Floor, Presidio B
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Maria Luz L. Lara-Marquez, MD PhD FAAAAI
Renata J. Engler, MD FAAAAI

4008 Selection of Biologics for Treatment of the Unified Airway
7:00 to 8:00 am
Hyatt, Fourth Floor, Crockett A
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Anjeni Keswani, MD FAAAAI
Kathleen M. Buchheit, MD FAAAAI

4009 Mechanisms of Allergic Sensitization
7:00 to 8:00 am
Hyatt, Fourth Floor, Crockett C
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Timothy P. Moran, MD PhD FAAAAI
Stephanie C. Eisenbarth, MD PhD

4010 Allergy to Biomedical Implants
7:00 to 8:00 am
Hyatt, Fourth Floor, Republic B
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Sunita U. Patil, MD FAAAAI
Karim A. Pacheco, MD MSPH FAAAAI

Plenary

4101 Food Allergy Insights: Novel Observations in the Diagnosis and Management of Food Allergy
9:30 to 11:00 am
Convention Center, Lobby Level, Hall 2
Credits: 1.50 CME/CE
9:30 Introduction
Amal H. Assa’ad, MD FAAAAI
9:35 Expanding Our Understanding of Food Allergy: Common But Not Equal in all Races
Ruchi S. Gupta, MD MPH
10:00 Introduction
Amal H. Assa’ad, MD FAAAAI
10:05 T Cell Suppression in Peanut Oral Immunotherapy
Wayne Shreffler, MD PhD FAAAAI
10:30 Introduction
Amal H. Assa’ad, MD FAAAAI
10:35 Expanding the Therapeutic Repertoire in Oral Immunotherapy: Novel Knowledge and Implementation
Kari C. Nadeau, MD PhD FAAAAI
### Monday Scientific Program

#### Symposia

<table>
<thead>
<tr>
<th>Symposia</th>
<th>Time</th>
<th>Location</th>
<th>Credits:</th>
<th>Description</th>
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</thead>
</table>
| **4301 Th2 Skin Diseases: Atopic Dermatitis and Beyond**       | 11:15 am to 12:30 pm        | Convention Center, Lobby Level, Hall 2        | 1.25 CME/CE | 11:15 Introduction<br>Ellen R. Sher, MD FAAAAI
|                                                                |                             |                                               |          | 11:20 Thermoreceptor Control of Pollution Response in Atopic Dermatitis<br>Ian A. Myles, MD MPH
|                                                                |                             |                                               |          | 11:40 Response to Biologics in Other Th2 Skin Diseases<br>Emma Guttman-Yassky, MD PhD
|                                                                |                             |                                               |          | 12:00 Cutaneous Adverse Events to Check Point Inhibitors<br>Donald Y.M. Leung, MD PhD FAAAAI
|                                                                |                             |                                               |          | 12:20 Question & Answer Facilitation<br>Ellen R. Sher, MD FAAAAI               |
| **4302 Current Medical, Behavioral and Surgical Interventions for Treatment Modalities for Chronic Cough** | 11:15 am to 12:30 pm        | Convention Center, Ballroom Level, Room 304A  | 1.25 CME/CE | 11:15 Introduction<br>Anil Nanda, MD FAAAAI
|                                                                |                             |                                               |          | 11:20 Current Medical and Surgical Interventions as Treatment Modalities for Chronic Cough<br>Meera R. Gupta, MD FAAAAI
|                                                                |                             |                                               |          | 11:40 New Medical Modalities for the Management of Chronic Cough<br>Peter Dicpinigaitis, MD
|                                                                |                             |                                               |          | 12:00 Surgical Modalities for Management of Chronic Cough<br>Brandon Baird
|                                                                |                             |                                               |          | 12:20 Question & Answer Facilitation<br>Anil Nanda, MD FAAAAI                   |
| **4303 Mechanisms of Immediate Drug-Induced Hypersensitivity Reaction** | 11:15 am to 12:30 pm        | Convention Center, Ballroom Level, Stars at Night B4 | 1.25 CME/CE | 11:15 Introduction<br>Elizabeth J. Phillips, MD FAAAAI
|                                                                |                             |                                               |          | 11:20 IgE-mediated Immediate Drug-Induced Hypersensitivity Reactions<br>Melanie C. Dispenza, MD PhD
|                                                                |                             |                                               |          | 11:40 Non-IgE-mediated Immediate Drug-Induced Hypersensitivity Reactions<br>Santiago Alvarez-Arango, MD
|                                                                |                             |                                               |          | 12:00 Vaccine-mediated Immediate Hypersensitivity Reactions<br>Kimberly G. Blumenthal, MD MSc FAAAAI
|                                                                |                             |                                               |          | 12:20 Question & Answer Facilitation<br>Elizabeth J. Phillips, MD FAAAAI          |
| **4304 Neuroimmunology of Allergic Disease**                   | 11:15 am to 12:30 pm        | Convention Center, Meeting Room Level, Room 212C | 1.25 CME/CE | 11:15 Introduction<br>Brian S. Kim, MD MTR
|                                                                |                             |                                               |          | 11:40 Nociceptor Neurons Drive B Cell Activity<br>Sebastien Talbot, PhD
|                                                                |                             |                                               |          | 12:00 Neuro-Immune Circuits Driving Allergic Inflammation<br>Caroline L. Sokol, MD PhD FAAAAI
|                                                                |                             |                                               |          | 12:20 Question & Answer Facilitation<br>Brian S. Kim, MD MTR                   |
| **4305 Technology and the Electronic Health Record in Allergy** | 11:15 am to 12:30 pm        | Convention Center, Meeting Room Level, Room 225C | 1.25 CME/CE | 11:15 Introduction<br>Benjamin T. Prince, MD MCSI FAAAAI
|                                                                |                             |                                               |          | 11:20 The Electronic Medical Record and Drug Allergy: From Assessment to Action<br>Allison C. Ramsey, MD FAAAAI
|                                                                |                             |                                               |          | 11:40 Practical Recommendations for Proper Electronic Health Records (EHR) Documentation<br>Eric M. Macy, MD FAAAAI
|                                                                |                             |                                               |          | 12:00 International Classification of Diseases (ICD) Coding and Natural Language Processing: Improving Understanding of Drug Allergy<br>Dinah Foer, MD
|                                                                |                             |                                               |          | 12:20 Question & Answer Facilitation<br>Young J. Juhn, MD MPH                   |
| **4306 Comparative Effectiveness of Biologics and Advanced Therapeutics in Allergic Diseases** | 11:15 am to 12:30 pm        | Convention Center, Ballroom Level, Stars at Night B1 | 1.25 CME/CE | 11:15 Introduction<br>William C. Anderson, MD FAAAAI
|                                                                |                             |                                               |          | 11:20 Comparative Effectiveness of Biologics in the Treatment of Asthma<br>Ayobami Akenroye, MD MPH
|                                                                |                             |                                               |          | 11:40 Comparative Effectiveness of Biologics in the Treatment of Chronic Rhinosinusitis (CRS) with Nasal Polyps (NP)<br>Derek K. Chu, MD PhD
|                                                                |                             |                                               |          | 12:00 Comparative Effectiveness of Therapeutics in the Treatment of Atopic Dermatitis<br>Emma Guttman-Yassky, MD PhD
|                                                                |                             |                                               |          | 12:20 Question & Answer Facilitation<br>William C. Anderson, MD FAAAAI           |
Monday Scientific Program

Symposia (continued)

4307 Climate Change, its Effects on Aeroallergens and the Clinical Consequences
11:15 am to 12:30 pm
Convention Center, Ballroom Level, Room 301A
Credits: 1.25 CME/CE
Moderator: German Dario D. Ramon, MD FAAAAI

11:15 Introduction
German Dario D. Ramon, MD FAAAAI

11:20 How Climate Change Affects Aeroallergens
Andrew C. Rorie, MD FAAAAI

11:40 Allergy Diagnostic Testing: Adapting to Climate Change
Olga Luengo, MD PhD

12:00 Optimal Selection of Allergens for Subcutaneous Immunotherapy: Cross-Reactivity, Molecular Markers, and Geographic Considerations
Tolly I. Epstein, MD MS FAAAAI

12:20 Question & Answer Facilitation
German Dario D. Ramon, MD FAAAAI

Oral Abstract Sessions

4601 New Insights in Anaphylaxis 2023
12:45 to 2:00 pm
Convention Center, Ballroom Level, Stars at Night B1
Credits: 1.25 CME/CE
Moderator: David Golden, MD FAAAAI

12:50 The BTK inhibitor acalabrutinib reduces or eliminates clinical reactivity during oral challenge to peanut in allergic adults
Ragha V. Suresh, MD

1:00 COVID-19 mRNA Vaccine-induced Immunization Stress-Related Response (ISRR) and Anaphylaxis: An Early Look at COVAAR Clinical Outcomes
Muhammad B. Khalid, MD

1:10 sCD14 and Intestinal Fatty Acid Binding Protein are Elevated in the Serum of Patients with Idiopathic Anaphylaxis.
Hrish D. Komarow, MD

1:20 Systemic Reactions in Infants and Toddlers: A Prospective Study of Oral Food Challenge Outcomes
Lourdes G. Ramirez, MD

1:30 Persistent sex and race disparities in anaphylaxis mortality in the US, 1999 to 2020: an analysis of the CDC Multiple Cause of Death database
Ingrid Salciccioli

4602 Asthma and Airway Immunology
12:45 to 2:00 pm
Convention Center, Meeting Room Level, Room 217C
Credits: 1.25 CME/CE
Moderator: Jonathan Matz, MD FAAAAI

12:50 Epithelial Barrier Defects in Pediatric Asthma
Maria A. Forero Molina, MD

1:00 CCL5 is a Potential Bridge Between Type 1 and Type 2 Inflammation in Asthma
Marc Gauthier, MD

1:10 Statin or PCSK9 Blocking Alleviate Airway Hyperresponsiveness and Lung Fibrosis In High Fat Diet Induced Obesity Mice
Jung W. Park, MD

1:20 Epithelial-Associated Inflammatory Pathways Underlie Residual Asthma Exacerbations in Urban Children Treated with Mepolizumab Therapy
Sana Patel, MD

1:30 Mucus Plugging and Regional Heterogeneity are Features of Asthmatic Small Airways
Stephen A. Schworer, MD PhD

4603 Top Topics in Basic and Clinical Immunology
12:45 to 2:00 pm
Convention Center, Meeting Room Level, Room 225C
Credits: 1.25 CME/CE
Moderator: Lisa R. Forbes Satter, MD PhD

12:50 Hypogammaglobulinemia and Risk of Infectious Complications in Patients Receiving Idecabtagene vicleucel
Sara Barmettler, MD

1:00 Renal Complications in Patients with Predominant Antibody Deficiency in the United States Immune Deficiency Network (USIDNET)
Emma Materne, MD

1:10 Assessment of Autoantibodies and Autoreactive T-cells in Patients with Type 1 Diabetes for in Preparation for Cellular Immunotherapy
Andrei Y. Hancharou

1:20 Late Survival after Hematopoietic Stem Cell Transplantation for Chronic Granulomatous Disease in a Single-Center Cohort
Whitney Reid, MD

1:30 Variations in AH50 Results
Isma Shah, MD MS

Symposia (continued)
### Oral Abstract Sessions (continued)

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<td>4604</td>
<td>Intersection of the Environment and the Airways</td>
<td>12:45 to 2:00 pm</td>
<td>Convention Center, Ballroom Level, Room 301A</td>
<td>1.25 CME/CE</td>
<td>Neil Alexis, PhD</td>
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<td>4605</td>
<td>Mechanisms of Food Allergy</td>
<td>12:45 to 2:00 pm</td>
<td>Convention Center, Ballroom Level, Stars at Night B4</td>
<td>1.25 CME/CE</td>
<td>Cecilia Berin, PhD</td>
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<td>4606</td>
<td>Healthcare Outcomes and Economics</td>
<td>12:45 to 2:00 pm</td>
<td>Convention Center, Ballroom Level, Room 302A</td>
<td>1.25 CME/CE</td>
<td>William C. Anderson, III, MD FAAAAI</td>
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<tr>
<td>4607</td>
<td>The Role of Microbiome in Allergic Disease</td>
<td>12:45 to 2:00 pm</td>
<td>Convention Center, Ballroom Level, Room 304A</td>
<td>1.25 CME/CE</td>
<td>Jenyfeer Blanco, MD</td>
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#### 4604: Intersection of the Environment and the Airways

12:50 Severe work-related asthma from gum arabic exposure in a bubblegum factory worker
Felix Chan, MD

1:00 Asthma-Related Emergency Department Visits in Texas: Associations with Viruses and Allergic Pollen
Daniel S. Katz, PhD

1:10 Vocal Cord Dysfunction: Do Infections Drive Disease?
Jan A. Luedders, MD

1:20 Asthma Mortality Among Ever-Employed Persons Aged ≥15 Years, by Industry and Occupation
Jacek Mazurek, MD PhD

1:30 Incidence of Herpes Zoster in Patients with Asthma Compared to Patients without Asthma: A Retrospective Database Study
David Singer

#### 4605: Mechanisms of Food Allergy

12:50 Basophil Activation Test Demonstrates Immunologically Active Ara h 2 in Human Milk
Amy D. Burris, MD

1:00 The Intestinal Adipokine Resistin-like Molecule Beta Is Dysregulated In Children With Food Allergy
Elena Crestani, MD MS

1:10 IRL201104, A Novel Immunomodulatory Peptide, Shows A Long Lasting Reduction In Anaphylaxis Symptoms And Allergy Biomarkers In A Murine Model Of Food Allergy
Jorge De Alba, PhD

1:20 Transcriptomic Evidence of Dysregulated Interferon Pathways in Infants at High-Risk for Peanut Allergy
Lauren M. Gunderman, MD

1:30 Inhibition of Pathologic Immunoglobulin E In Food Allergy by EBF2 and Active Compound Berberine Associated with Immunometabolism Regulation
Anish R. Maskey, PhD

#### 4606: Healthcare Outcomes and Economics

12:50 Unidos Hablemos de: Engaging Hispanic Patients in Patient Centered Outcomes Research and Clinical Effectiveness Research (PCOR/CER)
De De Gardner, DrPH RRT

1:00 Cost-effectiveness of as-needed budesonide-formoterol versus over-the-counter as-needed inhaled epinephrine in adults with mild asthma in the US
Joseph K. Ho

1:10 Comparing Outcomes between HEDIS Persistent Asthma Definition and a Non-Restrictive Model
Joshua Walls, MD

1:20 Resident perspectives on early allergenic food introduction
Kylie N. Jungles, MD

1:30 The Association Between Child Food Allergy and Food Insecurity in the Family Unit
Elsa R. Treffeisen, MD

#### 4607: The Role of Microbiome in Allergic Disease

12:50 Maternal BMI and Newborn Microbiome
Jenyfeer Blanco, MD

1:00 Longitudinal Analysis of Association Between Gut Microbiota and Atopic Dermatitis in Thai Children: A Birth Cohort Study
Onnicha Chaiseksamphan, MD

1:10 The Presence of Cotinine at 3 months of Age is Associated with Decreased Microbial Diversity of the Upper Airway
Simran Jutla, MD

1:20 Mild-moderate atopic dermatitis controlled by medication exhibits similar bacterial taxa to controls, but strain-level effects and virome disruption persist
Nicole Lane Starr, PhD

1:30 Aberrant Early-Life Gut Microbial Maturation in Childhood Asthma
Kathleen Lee-Sarwar, MD MS
Monday Scientific Program

Oral Abstract Sessions (continued)

4608 Updates in the Field of Drug Allergy

12:45 to 2:00 pm
Convention Center, Meeting Room Level, Room 221C
Credits: 1.25 CME/CE
Moderators: Matthew S. Krantz, MD
         Jason Trubiano, MD FAAAAI
12:50 Drug Allergy Assessments in Older Adults: A Multi-Site Prospective Study from the United States Drug Allergy Registry
John J. Accarino, MD
1:00 In vivo and ex vivo have long-term durability in antibiotic-associated drug reaction with eosinophilia and systemic symptoms
Andrew Awad, MBBS
1:10 Delayed Cutaneous Reactions Following COVID-19 Vaccinations: A Military Cohort Analysis
Charles K. Miller, MD
1:20 Genetic and Epidemiologic Risk Associated with IgE-mediated Anaphylaxis to Polyethylene Glycol
Cosby A. Stone, MD MPH
1:30 Validation of an Allergy Clinical Decision Rule for “Sulfa” antibiotic allergy label
Jami L. Waldron, MD

Seminars

4701 Let Them Eat Everything! Prevention of Food Allergy in Infants Through Early Introduction
2:15 to 3:15 pm
Hyatt, Third Floor, Presidio B
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Amanda L. Cox, MD FAAAAI
Alison M. Cassin, RD

4702 Assessing and Improving Quality of Life in Patients and Families Affected by Food Allergy
2:15 to 3:15 pm
Hyatt, Fourth Floor, Crockett A
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Lisa M. Bartnikas, MD
Theresa A. Bingemann, MD FAAAAI

4703 Performing an Aspirin Desensitization for Aspirin-Exacerbated Respiratory Disease
2:15 to 3:15 pm
Hyatt, Fourth Floor, Crockett C
Pre-registration and ticket required. Fee: $40.
Credits: 1.00 CME/CE
Whitney W. Stevens, MD PhD FAAAAI
Katherine N. Cahill, MD FAAAAI

Workshops

4710 Timely Topics: Allergy/Immunology Care for the Pregnant Patient
2:15 to 3:30 pm
Convention Center, Ballroom Level, Room 304A
Credits: 1.25 CME/CE
2:15 Introduction
Michael Schatz, MD MS FAAAAI
2:20 COVID-19 Vaccines and Pregnancy
Christina Chambers, PhD MPH
2:35 Biologics for Severe Asthma During Pregnancy
Jennifer A. Namazy, MD FAAAAI
2:50 Health Disparities in Pregnancy
Deborah L. Lee, MD
3:05 Panel Discussion Facilitation
Michael Schatz, MD MS FAAAAI

4712 Drug Allergy: Going Beyond Penicillin Allergy
2:15 to 3:30 pm
Convention Center, Ballroom Level, Stars at Night B1
Credits: 1.25 CME/CE
2:15 Introduction
Rebecca Saff, MD PhD FAAAAI
2:20 Evaluation of Patients Presenting with Non-Beta Lactam Allergies Using an Evidence Based Approach
Jason Trubiano, MD FAAAAI
2:40 Algorithmic Approach to Evaluation of Patients Presenting with Perioperative Anaphylactic Reactions
Lene Heise H. Garvey, MD PhD
3:00 Excipient Allergy: Facts and Fiction that Allergist/Immunologists Need to Understand
John M. Kelso, MD FAAAAI
3:20 Question & Answer Facilitation
Rebecca Saff, MD PhD FAAAAI

4713 Updates in Immunotherapy: Dosing, Cross Reactivity and Extract Stability
2:15 to 3:30 pm
Convention Center, Ballroom Level, Stars at Night B4
Credits: 1.25 CME/CE
2:15 Introduction
Punita Ponda, MD FAAAAI
2:20 Subcutaneous Immunotherapy: Mechanisms of Allergy Immunotherapy and Cross Reactivity
Desiree E. Larenas-Linnemann, MD FAAAAI
2:40 Optimal Dosing of Allergen Immunotherapy Treatment Extracts
Harold S. Nelson, MD FAAAAI
3:00 The Nuts and Bolts of Writing Allergen Immunotherapy Prescriptions
Christopher W. Calabria, MD FAAAAI
3:20 Question & Answer Facilitation
Punita Ponda, MD FAAAAI
### Workshops (continued)

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<tr>
<td>4714</td>
<td>Suppressing Innate Lymphoid Cells (ILCs) Activation: The Future of Treatment for Allergic Disease</td>
<td>2:15 to 3:30 pm</td>
<td>Convention Center, Ballroom Level, Room 302A</td>
<td>1.25 CME/CE</td>
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<tr>
<td></td>
<td>Introduction</td>
<td>2:15</td>
<td>Caroline L. Sokol, MD PhD FAAAAI</td>
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<tr>
<td>2:20</td>
<td>Glucagon-Like Peptide-1 (GLP1) Inhibits Lung ILC2 Responses in Obesity</td>
<td>2:20</td>
<td>Dawn C. Newcomb, PhD</td>
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<tr>
<td>2:40</td>
<td>TLR3-Driven IFN-β Suppresses Innate Type 2 Response in the Lung</td>
<td>2:40</td>
<td>Elizabeth A. Jacobsen, PhD</td>
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<tr>
<td>3:00</td>
<td>Stimulator of Interferon Genes (STING) Agonist Suppresses ILC2s in Type 2 Lung Inflammation</td>
<td>3:00</td>
<td>Kellen Cavagnero</td>
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<tr>
<td>3:20</td>
<td>Question &amp; Answer Facilitation</td>
<td>3:20</td>
<td>Caroline L. Sokol, MD PhD FAAAAI</td>
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Follow the AAAAI Annual Meeting on Twitter

While you’re in San Antonio, use #AAAAI23 when you tweet to participate in onsite conversations and share what you’re learning with your colleagues.
Asthma is one of the most common medical problems seen by allergy/immunology clinicians, affecting more than an estimated 339 million people worldwide.

Improve asthma management for patients via our new online course series: The NHLBI 2020 Focused Updates to the Asthma Management Guidelines

An Overview
NAEPP has issued guidelines since 1991. In 2020, the National Heart, Lung, and Blood Institute (NHLBI) released Focused Updates to the Asthma Management Guidelines.
Gain insight into the meaning and practical application of the guidelines.

An Adult Virtual Patient Activity
Through visits with an adult patient, you will make decisions about the diagnosis and management based on the updated guidelines relating to asthma medications (including ICS, LABA, and LAMA), allergen mitigation, immunotherapy, and FeNO.

A Pediatric Virtual Patient Activity
Through visits with a pediatric patient and their family, you will make decisions about the diagnosis and management based on the updated guidelines relating to FeNO, allergen mitigation, ICS, intervention, and immunotherapy.

Discover what hundreds of your AAAAI colleagues already know — Practice Scoops! puts current A/I research at your fingertips in a quick and easy-to-read format.

Visit aaaai.org/practicescoops to learn more and get your free subscription.
Pre-Recorded Sessions

5001 Diagnostic Testing in Insect Allergy
Credits: 1.00 CME/CE
Which is Better: Skin Test or Serum IgE test?
Jeffrey G. Demain, MD FAAAAI
Order Baseline Tryptase in All VIT Patients or Only the Most Severe?
David Golden, MD FAAAAI
Order CRD in All VIT Patients or Only Those with Positive Tests to Both HB and YJ Tests?
James M. Quinn, MD FAAAAI

5002 Atopic Dermatitis and Food Allergy: Best Practices and Knowledge Gaps from the Work Group Report from the AAAAI
Credits: 1.00 CME/CE
Co-Expression of Food Allergy and Atopic Dermatitis Epidemiology and Risk
Lynda C. Schneider, MD FAAAAI
Pros and Cons of Testing for Food Allergy and Elimination Diets in Atopic Dermatitis
Anne Marie Singh, MD
Causation and Mechanistic Links to Unravel the Food Allergy-Atopic Dermatitis Overlap
Peck Y. Ong, MD FAAAAI

5003 Toxicities of Immune Checkpoint Inhibitors: Part 1
Credits: 1.00 CME/CE
Immune Checkpoint Inhibitor Induced Inflammatory Eruptions and Pruritus
Anisha Patel, MD
Immune Checkpoint Inhibitor Induced Autoimmune Skin Diseases
Meghan M. Heberton, MD
Immune Checkpoint Inhibitor Induced Hair, Nail and Oral Mucosal Changes
Omar Pacha, MD

5004 Toxicities of Immune Checkpoint Inhibitors: Part 2
Credits: 1.00 CME/CE
Immune Checkpoint Inhibitor Induced Myocarditis
Nicolas L. Palaskas, MD
Immune Checkpoint Inhibitor Induced Neurological Complications
Sudhakar Tummala, MD
Immune Checkpoint Inhibitor Induced Nephrotoxicity
Ala Abu-Dayeh, MD

5005 Pearls for Communication: How to Discuss Drug Allergy with Our Non-Allergist Colleagues
Credits: 1.00 CME/CE
Radiocontrast Allergy: Pearls for Communicating with Radiology - the Newest Guidelines
Rebecca Saff, MD PhD FAAAAI
Penicillin Allergy in Obstetric Patients: Communications with Our OB Colleagues
Jamie L. Waldron, MD
Encouraging Collaboration with PCPs: Focus on Patients with Multiple Drug Allergies
Melissa Iammatteo, MD FAAAAI

5006 Diverse Hypersensitivity Reactions Associated with Vancomycin
Credits: 1.00 CME/CE
Immediate Drug-Induced Hypersensitivity Reactions to Vancomycin
Santiago Alvarez-Arango, MD
Vancomycin-induced Drug Reaction with Eosinophilia and Systemic Symptoms
Jason Trubiano, MD FAAAAI
Vancomycin Hypersensitivity Reaction Epidemiology from Electronic Health Record Allergy Data
Li Zhou

5007 Advances in Angioedema
Credits: 1.00 CME/CE
Advances in Histaminergic Angioedema
Marta M. Ferrer, MD PhD
Update on Pathogenesis of Angioedema
Paula J. Busse, MD FAAAAI
Diagnostic Approach to the Angioedema Patient
Marc A. Riedl, MD MS

5008 Anaphylaxis to Allergy Injections: Identify, Manage and Treat Life Threatening Reactions
Credits: 1.00 CME/CE
Identify Patients at Risk for Developing Anaphylaxis Related to Allergy Injections
Tolly I. Epstein, MD MS FAAAAI
Team Approach: Are You Ready to Treat Anaphylaxis in Your Allergy Office?
Karen L. Gregory, DNP APRN-BC RRT AE-C
Act Fast - Emergency Treatment of Anaphylaxis to Immunotherapy Injections
Rebecca Saff, MD PhD FAAAAI

5101 New Insights into Asthma in Urban Children
Credits: 1.00 CME/CE
Factors Related to the Incidence of Childhood Asthma
Christine Cole Johnson, PhD MPH FAAAAI
Rhinitis, Allergy and Asthma in Disadvantaged Urban Children
Sima K. Ramratnam, MD MPH
Interactions Between Early Life Lung Function, Allergy and Wheeze
James E. Gern, MD FAAAAI

5102 Advancing Asthma Care Through Healthcare Technology: Recent Discoveries and Emerging Challenges
Credits: 1.00 CME/CE
Harnessing Big Data for Asthma Prevention
Adnan Custovic, MD PhD FAAAAI
Utilization of Patient-Generated Health Data and Artificial Intelligence in Management of Asthma
Young J. Juhn, MD MPH
The Potential and Peril of Technology to Decrease Asthma Health Disparities
Alan P. Baptist, MD MPH FAAAAI
Pre-Recorded Sessions

5103 Stress, Inflammation and Asthma
Credit: 1.00 CME/CE
Exercise, Inflammation and Asthma: A Complex Relationship
Sharmilee M. Nynhuis, MD FAAAAI
Brain and Neural-Immune Cross Talk Pathways in Airway Inflammation
Melissa A. Rosenkranz, PhD
Acupuncture: An Adjunct Therapy for Uncontrolled Asthma
Maria Luz L. Lara-Marquez, MD PhD FAAAAI
Acupuncture: An Adjunct Therapy for Uncontrolled Asthma
Hemant P. Sharma, MD MHS FAAAAI

5104 Anti-Immunoglobulin E (IgE) vs. Anti-Eosinophilic Monoclonal Antibody in Multiply-Eligible Patients
Credit: 1.00 CME/CE
Agents Targeting the Allergic Phenotype Should Be Initiated Before Agents Targeting the Eosinophilic Phenotype in Multiply-Eligible Patients
Wanda Phipatanakul, MD MS FAAAAI
Agents Targeting the Eosinophilic Phenotype Should Be Initiated Before Agents Targeting the Allergic Phenotype in Multiply-Eligible Patients
Mark C. Liu, MD FAAAAI

5201 Optimizing Care with a Multidisciplinary Approach to Immune Dysregulation
Credit: 1.00 CME/CE
Practical Implementation of Multidisciplinary Team for Immune Dysregulation â€“ Challenges and Benefits and the Role of Different Specialists
Sara Barmettler, MD
Successful Histories of a Multidisciplinary Approach to Immune Dysregulation
Shanmuganathan Chandrakasan, MD

5202 Immunity of Aging Patients â€“ Implications for the Practicing Allergist/Immunologist
Credit: 1.00 CME/CE
Understanding the Aging Immune System
Tamas Fulop, MD PhD
Can Blocking Inflammation Enhance Immunity During Aging?
Arne N. Akbar, PhD
Immunosenescence and Human Vaccine Immune Responses
Inna G. Ovsyannikova, PhD

5204 The Role of the Microbiome in Immune Mediated Diseases
Credit: 1.00 CME/CE
Microbiome Dysbiosis and Impact on Autoimmune Disease
Emilia L. Falcone, MD PhD
Microbiota Composition and Influence in Primary Immunodeficiency
Joud Hajjar, MD, MS
The Impact of Microbiota in Allergic Disease
Cathryn R. Nagler, PhD
Microbiota Composition and Influence in Primary Immunodeficiency
Charlotte Cunningham-Rundles, MD PhD FAAAAI

5205 Vaccination and the Allergist/Immunologist
Credit: 1.00 CME/CE
The Role of the Allergist/Immunologist in Adverse Vaccine Reactions
Ashwini Reddy, MD FAAAAI
Utilization of Vaccines in Special Populations
Sara Anvari, MD MSc
Emerging Vaccines at Home and Abroad
Samuel M. Pope, PhD JD

5208 Mechanistic Insights into the Impact of Obesity on Immune Function
Credit: 1.00 CME/CE
The Impact of Obesity on Immune Function
Sarah E. Henricksson, MD PhD FAAAAI
The Impact of Obesity on Asthma
Dawn C. Newcomb, PhD
The Impact of Bariatric Surgery on Immune Function, Obesity and Obese Asthma
Eric Sheu, MD PhD

5301 Advances in the Science of Eosinophilic Esophagitis (EoE)
Credit: 1.25 CME/CE
New Technologies for Non-Invasive Diagnosis of Eosinophilic Esophagitis
Emily C. McGowan, MD PhD FAAAAI
New Technologies for Non-Invasive Diagnosis of Eosinophilic Esophagitis
Seema S. Aceves, MD PhD FAAAAI
Transcriptional Regulation of Eosinophil Maturation
Jennifer M. Felton, PhD
Effector Th2 Cells in Eosinophilic Esophagitis
Wayne Shreffler, MD PhD FAAAAI

5302 What Environmental Exposures Can Teach Us About Allergy Mechanisms
Credit: 1.25 CME/CE
The Urban versus Rural Environment in South Africa and Atopic Disease
Michael E. Levin, MD PhD MBBCh PhD
Farm-Microbial-Immune Interactions in Protection From Atopic Disease
Kirsti M. Jarvinen-Seppo, MD PhD FAAAAI

5303 Mechanisms of Immune Dysregulation in the Gut
Credit: 1.25 CME/CE
Immune Dysregulation in the Gut: VEO-IBD
Scott B. Snapper, MD PhD
Gut in a Dish: Organoids as a Model System for Studying VEO-IBD
Judith R. Kelsen, MD
Pre-Recorded Sessions

5304  Highlighting Early Stage Investigators in Airway Research: Future of Our Specialty: Part 1
   Credits: 1.25 CME/CE
   GLP1 Agonist Treatment in Obese Asthma
   Katherine N. Cahill, MD FAAAAI
   Lung resident Th2 Cells in Asthma
   Rod A. Rahimi, MD PhD
   Nasal Profiling in Asthma Elicited by Diverse Triggers
   Matthew C. Altman, MD

5305  Highlighting Early Stage Investigators in Food Allergy: Future of Our Specialty: Part 2
   Credits: 1.25 CME/CE
   Memory B Cells and Their Abs in Peanut OIT
   Sarita U. Patil, MD FAAAAI
   Epigenetic Regulation of Epithelial Dysfunction in EoE
   Melanie A. Ruffner, MD PhD
   Glycolipids and T Cells in Alpha-Gal Allergy
   Onyinye I. Iweala, MD PhD

5307  Expert’s Journal Club: Impactful Papers in Allergy/Immunology (A/I)
   Credits: 1.00 CME/CE
   Joshua A. Boyce, MD FAAAAI
   Kari C. Nadeau, MD PhD FAAAAI
   Hugh A. Sampson, MD FAAAAI

5401  Drug Allergy: Other Drugs
   Credits: 1.00 CME/CE
   Iron Allergy
   Anne Y. Liu, MD
   Vaccine Allergy
   John M. Kelso, MD FAAAAI
   Radiocntrast Material Allergy
   Ana Maria M. Copaeescu, MD

5402  Update on Allergy to Non-Beta-Lactam Antibiotics
   Credits: 0.50 CME/CE
   Update on Allergy to Non-Beta-Lactam Antibiotics
   Jonathan G. Peter, MD PhD

5403  Use of Sublingual Immunotherapy (SLIT) for Allergic Rhinitis and Conjunctivitis in the United States
   Credits: 0.50 CME/CE
   Use of Sublingual Immunotherapy for Allergic Rhinitis and Conjunctivitis in the United States
   Linda Cox, MD FAAAAI

5404  Eosinophilic Esophagitis: The Role of Biologics
   Credits: 0.50 CME/CE
   Eosinophilic Esophagitis: The Role of Biologics
   Mirna Chehade, MD MPH FAAAAI

5405  Drug Allergy Practice Parameter Update
   Credits: 1.00 CME/CE
   ASA/NSAID
   Andrew A. White, MD FAAAAI
   Chemotherapeutics/Monoclonals
   Aleena Banerji, MD FAAAAI
   Penicillin
   Roland Solensky, MD FAAAAI
   Beta-Lactam Cross-Reactivity
   Kimberly G. Blumenthal, MD MSc FAAAAI

5406  Practice Parameter Update on Atopic Dermatitis
   Credits: 0.50 CME/CE
   Practice Parameter Update on Atopic Dermatitis
   Lynda C. Schneider, MD FAAAAI

5407  Evaluation and Management of Reactions to Novel Therapeutics for the Allergist
   Credits: 1.00 CME/CE
   Approach to Chemotherapeutic Hypersensitivity Reactions
   Aleena Banerji, MD FAAAAI
   Management of Patients with Reactions to Monoclonal Antibodies
   David I. Hong, MD FAAAAI
   Overview of Immune Mediated Reactions to Check Point Inhibitors
   Sara Barmettler, MD

5408  Update on Angioedema with Normal Labs
   Credits: 0.50 CME/CE
   Update on Angioedema with Normal Labs
   William R. Lumry, MD FAAAAI

5409  2022 Joint Task Force Sinusitis GRADE Practice Parameter Update: Choose Your Own Recommendation!
   Credits: 1.00 CME/CE
   Aspirin Desensitization for CRSwP with AERD
   Derek K. Chu, MD PhD
   Topical Corticosteroids for CRSwNP
   Matthew A. Rank, MD FAAAAI
   Biologics for CRSwNP
   Anju T. Peters, MD MSCI FAAAAI

5410  2022 Joint Task Force Anaphylaxis Practice Parameter Update
   Credits: 1.00 CME/CE
   Prescription and Use of Epinephrine Injectors
   Susan Waserman, MD MSc FAAAAI
   Peri-Operative Anaphylaxis
   David M. Lang, MD FAAAAI
   Beta-Blockers, ACE Inhibitors and Anaphylaxis Risk
   Anne K. Ellis, MD FAAAAI
Pre-Recorded Sessions

5501  Health Disparities in Immune Deficiency
   Credits: 1.00 CME/CE
   Social Determinants of Care in Primary Immune Deficiency
   Maria C. Lopez, MD
   Underserved Care of Immune Deficient Patients: Medical
   Education of Allergy/Immunology Fellows
   Jessica Gaiait-Swatford, MD
   Universal Genetic Sequencing in the Diagnosis of Inborn Errors of
   Immunity
   JP Lopes

5502  Transitioning Adolescent Care in Allergy and
   Immunology
   Credits: 1.00 CME/CE
   The Need for Adolescent Transition of Care in Allergy and
   Immunology
   Yamin V. Virkud, MD MA MPH FAAAAI
   How Adolescent Transition in Other Fields Can Teach us Best
   Management for Asthma and Primary Immune Deficiency (PID)
   Sofia Volertas, MD
   The Use of Social Media as Advocacy for Adolescent Patients
   David R. Stukus, MD FAAAAI

5503  Improving Allergy Immunology Clinician Wellness by
   Removing “Pebbles in Your Shoe”
   Credits: 1.00 CME/CE
   Getting Rid of Pajama Time: Team-Based Documentation and EHR
   Hacks
   Hemant P. Sharma, MD MHS FAAAAI
   Combating Clinic Chaos with Effective Communication and Team
   Huddles
   Tammy Peng, MD
   Reducing Social Isolation Through Commensalinity and COMPASS
   Groups
   Ewa H. Schafer, MD FAAAAI

5504  The Future of Healthcare: Remote Patient Management
   and Remote Therapeutic Monitoring
   Credits: 1.00 CME/CE
   An Introduction to RPM and RTM: How Do I Implement it in My
   Practice?
   Priya J. Bansal, MD FAAAAI
   RPM and RTM in Asthma
   Giselle S. Mosnaim, MD MS FAAAAI
   RPM and RTM in Food Allergy
   Sakina S. Bajowala, MD FAAAAI

5505  Leveraging Multi-Disciplinary Care in the Allergy/
   Immunology Clinic: Why it Matters and How to Do It
   Credits: 1.00 CME/CE
   Incorporating Mental Health into the Food Allergy Clinic
   Linda Herbert, PhD
   Leveraging Multidisciplinary Care in Managing Eosinophilic
   Esophagitis
   Fred D. Atkins, MD FAAAAI
   Models of Multispecialty Care for Patients with Primary
   Immunodeficiency and Immune Dysregulation Disorders
   Monica G. Lawrence, MD FAAAAI

5506  Addressing Allergic Diseases in Vulnerable Children:
   The Impact of Adverse Childhood Experiences (ACEs),
   Health Disparities and Overcoming
   Barriers to Care
   Credits: 1.00 CME/CE
   Addressing ACEs and Asthma
   Timothy Chow, MD
   Overcoming Barriers to Care
   Rory Nicolaides, MD
   Summary of Adverse Childhood Experiences and Atopic Diseases
   Rosalind J. Wright, MD MPH

5507  Introduction to Psychoneuroimmunology: Understanding
   the Biology of Stress and Its Impact on the Innate and
   Adaptive Immune Response
   Credits: 1.00 CME/CE
   The Biology of the Stress Response and its Clinical Implications
   in Immunology Diseases
   Michael R. Irwin, MD
   Differential Expression and Regulation of Vasoactive Intestinal
   Peptide (VPAC1 and VPAC2) Receptors in T Cell Subsets and
   Monocytes
   Maria Luz L. Lara-Marquez, MD PhD FAAAAI

5601  But Doctor, How and Why Does it Work? An Update
   on the Diverse Immune Mechanisms of Allergen
   Immunotherapy
   Credits: 1.00 CME/CE
   An Overview of the Diverse Immune Mechanisms of Allergen
   Immunotherapy
   Mohamed H. Shamji, BSc MSc PhD FAAAAI
   An Update on changes in the Innate Immune System During
   Allergen Immunotherapy
   Cezmi A. Akdis, MD FAAAAI
   An Update on Changes in the Adaptive Immune System During
   Allergen Immunotherapy
   Hanisah Sharif, PhD

5602  Novel Ways of Treating or Preventing Allergies and
   Asthma: Looking Down the Pipeline
   Credits: 1.00 CME/CE
   Passive Immunotherapy for Cat
   Mohamed H. Shamji, BSc MSc PhD FAAAAI
   Passive Immunotherapy for Birch Pollen
   Philippe Gevaert, MD PhD
   Bacterial Mucosal Immunotherapy for Preventing Wheeze in
   Children
   Fernando D. Martinez, MD

5603  Mold Allergy: Current “Growth” in Knowledge
   Credits: 1.00 CME/CE
   Clinical Immunological and Allergic Reactions to Mold: Fact or
   Fiction
   Jay M. Portnoy, MD FAAAAI
   Immunotherapy with Fungal Extracts: Efficacy and Practical
   Issues
   Harold S. Nelson, MD FAAAAI
Pre-Recorded Sessions

5604  Allergy In-Vitro Diagnostics
Credits: 1.00 CME/CE
Clinical Relevance of Total IgE: Specific IgE Ratios
Harald E. Renz, MD FAAAAI
Component Testing for Respiratory Allergy
Antonella Cianferoni, MD PhD FAAAAI
Wheat and Sesame Allergy
Anna H. Nowak-Wegrzyn, MD PhD FAAAAI

5605  Dupilumab-Associated Conjunctivitis
Credits: 1.00 CME/CE
Recognition of Dupilumab-Associated Conjunctivitis
Peter A. Lio, MD
Management Options of Dupilumab-Associated Conjunctivitis and Long-Term Outcome
Emma Guttmann-Yassky, MD PhD

5606  Allergic Fungal Rhinosinusitis: Optimal Medical and Surgical Management
Credits: 1.00 CME/CE
The Pathogenesis and Proper Diagnosis of AFRS
Anju T. Peters, MD MSCI FAAAAI
Optimal Medical Management of AFRS Including Possible Role of Biologics and Allergy Immunotherapy
Seong Ho Cho, MD FAAAAI
Surgical Management of AFRS Including Proper Pre-and Post-Surgical Management
Amber U. Luong, MD PhD

5607  How Aerobiology Knowledge Could Improve Allergy Practice: From Microscope to Office Practice
Credits: 1.00 CME/CE
Aerobiology in Everyday Practice: The Use of the Alert and Pollen Forecast
German Dario D. Ramon, MD FAAAAI
How the Pollen/Fungus Count is Useful to Diagnosis
Dan Dalan, MD FAAAAI
How Pollen/Fungus Counts Can Help With Allergen Immunotherapy
James J. Anderson, MLT

5703  Autoimmune Responses in Eosinophilic Lung Diseases
Credits: 1.00 CME/CE
Clinical Implications for Airway Autoimmunity
Manali Mukherjee, PhD
Autoimmunity and Airways Diseases - Severe Asthma, eGPA
Michael E. Wechsler, MD
B Cells in Eosinophilic Airways Disease
Bruce D. Mazer, MD FAAAAI

5704  Immune Dysregulation, Metabolic Dysfunction and Bad Asthma: Novel Pathways and Approaches to Achieving Control
Credits: 1.00 CME/CE
Obesity, Exposures and Asthma
Perdita Permaul, MD FAAAAI
Mechanisms in Exacerbation Prone Asthma and Novel Non-Type 2 and Biomarker Driven Therapeutic Approaches
Michael C. Peters, MD
Immune Dysregulation and Airway Inflammation: Novel Pathways to Asthma Severity
Hani Harb, PhD

5705  New Insights into the Immune Mechanisms of Severe Asthma
Credits: 1.00 CME/CE
Immunological Phenotypes of Severe Asthma
Sally E. Wenzel, MD FAAAAI
Immune Mechanisms of Type-2-Low Asthma
Stewart J. Levine, MD
Immune Mechanisms of Type-2-High Asthma
Angela Haczku, MD PhD FAAAAI

5707  Mas-Related G-Protein-Coupled Receptor X2 (MRGPRX2) in Allergic Disease
Credits: 1.00 CME/CE
Genetics of MRGPRX2 in Allergic Disease
Li Gao, PhD
MRGPRX2 in Chronic Spontaneous Urticaria
Eric T. Oliver, MD FAAAAI
MRGPRX2 in Drug Hypersensitivity Reactions
Santiago Alvarez-Arango, MD

5801  Allied Health: IRBs, GCP, CROs and EDCs: Making Sense of the Regulatory Alphabet Soup in Clinical Research
Credits: 1.00 CME/CE
Panelists
Cheryl K. Bernstein, RN BSN CCRC
Lauren Herlihy, RN MSN CPNP
Jaime E. Ross, RN MSN
5802 Allied Health: Comorbid Presentation of Eating Disorders in the Context of Food Allergies: How to Identify and What to Do

Credits: 1.00 CME/CE
Clinical Presentations of Eating Disorders Among Patients with Food Allergy
Katherine Dahlsgaard, PhD
Clinical Management Considerations of Eating Disorders in the Food Allergist’s Office
Megan Ott Lewis, MSN CRNP

5803 Allied Health: How to Improve the Nutritional Status of Your Food Allergy Patient

Credits: 1.00 CME/CE
Taking a Thorough Diet History for the Allergy Provider
Isabel J. Skypala, PhD RD
Management of the Food Allergy Patient From the Dietitian Perspective
Raquel Z. Durban, MS RD LDN
Guidance on Feeding Issues in Food Allergy Patients in Daily Life and During Office Procedures
Jamie L. Kabourek, MS RD

5804 Allied Health: Healthy Teens, Healthy Adults: Promoting Asthma Self-Management Skills in Adolescents with Asthma

Credits: 1.00 CME/CE
Healthy Teens, Healthy Adults: Promoting Asthma Self-Management Skills in Adolescents with Asthma
William C. Anderson, MD FAAAAI
Elizabeth Vann, RN

5805 Allied Health: Alleviating Pediatric Food Allergy Anxiety During Office Visits: What is Efficient, Effective and Evidence-Based?

Credits: 1.00 CME/CE
Evidence-Based intervention for Anxiety in the Context of Food Allergy: Hands On Demonstration of Proximity Exposures
Megan Ott Lewis, MSN CRNP
Efficient Assessment and Intervention of Anxiety in the Context of Food Allergy: What to Ask, How to Approach In-Office Intervention, and How to Involve Caregivers
Katherine Dahlsgaard, PhD

5806 Allied Health: Boost Your Practice! How to Perform Food Challenges Safely and Efficiently

Credits: 1.00 CME/CE
How to Train Staff to Perform OFCs
Dilawar S. Khokhar, MD
Describe Different Approaches to Performing OFCs Across the Age Spectrum
Lauren Herlihy, RN MSN CPNP
Preparing Your Office to Perform OFCs
Jodi A. Shroba, MSN APRN CPNP

5807 Allied Health: Advances in Improving Outcomes for Severe Asthma: Challenges of Exercise and Physical Activity

Credits: 1.00 CME/CE
Exercise and Asthma: What Do We as Healthcare Professionals Know About Physical Activity?
Basil M. Kahwash, MD
Assessment and Management of Severe Asthma: Get Ready for Exercise
Justin C. Greiwe, MD FAAAAI
Interventions Targeting Physical Activity and Exercise in Severe Asthma
Lila C. Kertz, DNP APRN CPNP AE-C

5808 Allied Health: Tree Nut Allergy Update

Credits: 1.00 CME/CE
Tree Nut OFCs
Lauren Herlihy, RN MSN CPNP
Tree Nut Component Testing
Jennifer A. Dantzer, MD FAAAAI
Available Research on Tree Nut Allergy Treatment
Holly H. Barber, NP CPNP
Leadership Institute Course alumni are eligible to apply for the Leadership Institute Mentorship Program, which pairs mentees with an AAAAI faculty mentor to develop and complete a project within their area of interest that aligns with the goals of an existing AAAAI committee or taskforce.

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Applications for the 2024 Leadership Institute Course will open in the Fall of 2023.

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Applications for the 2024 Leadership Institute Mentorship Program will open in the Fall of 2023. Eligible alumni will receive an email invite to apply.

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Booth #1283
Other
Allergists For Israel is a non-profit organization promoting collegiality, research, and education by establishing an international network of Allergists and Immunologists to enhance communication and interaction with Israeli professional colleagues.
Exhibits

Allergy & Asthma Network
8229 Boone Boulevard
Suite 260
Vienna, VA 22182
(615) 496-5206
https://allergyasthmanetwork.org
Booth #1183

Patient/Public Education
Allergy & Asthma Network’s mission is to end death and suffering due to asthma, allergies, and related conditions through outreach, education, advocacy, and research. From community screenings, bilingual publications, and a renovated website, the Network is committed to providing services that guarantee diversity, inclusion, and equal access for all.

Allergy & ENT Associates
450 Gears Road
Suite 420
Houston, TX 77067
(281) 453-4234
https://www.aentassociates.com
Booth #2055

Immunotherapy
Allergy & ENT Associates is Southeast Texas’ largest group practice specializing in Allergy, Asthma, and ENT services in the greater Houston area and new locations in Dallas and Austin. The physicians and staff are committed to being the regional leader for quality allergy and asthma care in Texas.

Allergy and Asthma Proceedings
450 Veterans Memorial Parkway
Building 15
East Providence, RI 02914
(401) 331-2510
https://allergyasthmaproceedings.com
Booth #2051

Publications
Allergy and Asthma Proceedings is in its 44th year of publishing state-of-the-art review articles and original manuscripts on allergy, asthma, and immunology. This bi-monthly, peer reviewed publication has an impact factor of 2.873, and a worldwide circulation of 5,000. AAP is available in print and online through www.Ingentaconnect.com

Allergy Partners
1978 Hendersonville Road
Suite 130A
Asheville, NC 28803
(828) 277-1300
http://AllergyPartners.com
Booth #1870

Physician Recruitment
Allergy Partners is the nation’s largest allergy, asthma, and immunology practice. Our network spans 19 states and encompasses over 125 total locations of care. As our reputation continues to grow, we are committed to our vision and to bringing only the best physicians and practices into our network.

AllergyEHR, a Division of Meditab Software Inc.
8795 Folsom Boulevard
Suite 205
Sacramento, CA 95826
(844) 463-3482
https://www.allergyehr.com/
Booth #1853

Computer Hardware/Software
AllergyEHR, a division of Meditab Software Inc., is an award-winning pioneer in allergy and immunology software, eliminating the need for multiple systems by integrating every facet of your operations, from your EHR to immunotherapy, into an all-inclusive platform.

AllerVie Health
4975 Preston Park Boulevard
#800
Plano, TX 75093
(817) 253-2940
https://www.allervie.com/
Booth #1251

Office Management
AllerVie Health is a national network of board-certified allergists and immunologists partnering together for the advancement of patient care. Our providers are committed to establishing the allergy and immunology gold standard, expanding access to best-in-class care, and bringing relief and renewed vitality to the millions of Americans affected annually.

Altus Biologics
11233 Shadow Creek Parkway
Suite 303
Pearland, TX 77584
(409) 718-1131
http://www.altusbiologics.com
Booth #1136

Immunotherapy
Altus Biologics partners with physicians across multiple specialties to provide comprehensive, in-office infusion and subcutaneous injection services. At Altus Biologics, we are committed to improving access, quality of care and affordability for all patients.
American Board of Allergy and Immunology
1835 Market Street
Suite 1210
Philadelphia, PA 19103
(215) 592-9466
http://abai.org
Booth #1179
Physician Education
The ABAI was established in 1971 as a Conjoint Board of the ABIM and ABP. The internal medicine subspecialty existed from 1936-1971 and the pediatric subspecialty existed from 1944-1971. The ABAI is committed to maintaining the highest educational and clinical standards in the specialty of allergy/immunology.

American Partnership for Eosinophilic Disorders
PO Box 29545
Atlanta, GA 30359
(713) 493-7749
https://apfed.org/
Booth #1184
Patient/Public Education
The American Partnership for Eosinophilic Disorders (APFED) mission is to passionately embrace, support, and improve the lives of patients and families affected by eosinophil-associated diseases through education, awareness, research, and support and advocacy.

Amgen/AstraZeneca
1800 Concord Pike
Wilmington, DE 19803
(800) 236-9933
https://www.astrazeneca-us.com/
Booth #1710
Pharmaceuticals
Amgen and AstraZeneca have partnered together to bring new and innovative science to an area where challenges still exist. The partnership leverages both companies’ respective capabilities including AstraZeneca’s extensive respiratory experience and Amgen’s deep history in inflammatory diseases and bringing novel therapies to patients.

ARS Pharmaceuticals, Inc.
11682 El Camino Real
Suite 120
San Diego, CA 92130
(858) 799-1840
http://www.ars-pharma.com
Booth #1571
Pharmaceuticals
Our mission at ARS Pharmaceuticals is to provide at-risk patients and their families optimal protection from severe allergic reactions. We are developing a product that patients and their caregivers can use confidently by removing the barriers of anxiety or hesitation from administration.

Aspire Allergy & Sinus
5929 Balcones Drive
Suite 200
Austin, TX 78731
(210) 556-6131
http://aspireallergy.com
Booth #1849
Physician Recruitment
Aspire Allergy & Sinus is looking to acquire allergy practices across the U.S. and are currently in multiple states. We are looking to expand through purchasing reputable practices. We also help eliminate the hassles of running a practice. Aspire is currently recruiting Allergists for employment opportunities as well!

Association of PAs in Allergy, Asthma & Immunology
PO Box 12554
San Antonio, TX 78212
(844) 444-0575
https://aapaaai.org/
Booth #1285
Professional Association
Our association was formed to promote the growth and development of PAs and NPs who have an active interest in the field of allergy, asthma, and immunology.

Asthma and Allergy Foundation of America
1235 South Clark Street
Suite 305
Arlington, VA 22202
(202) 466-7643
https://www.aafa.org/
Booth #1284
Patient/Public Education
The Asthma and Allergy Foundation of America (AAFA) is the leading nonprofit patient organization dedicated to saving lives and reducing the burden of disease for people with asthma and allergies through support, advocacy, education, and research. Visit aafa.org or kidswithfoodallergies.org to learn more.

AstraZeneca
1800 Concord Pike
Wilmington, DE 19803
(800) 236-9933
http://www.astrazeneca-us.com
Booth #2053
Pharmaceuticals
AstraZeneca is a global, science-led biopharmaceutical company that focuses on the discovery, development and commercialization of prescription medicines in Oncology and BioPharmaceuticals, including Cardiovascular, Renal & Metabolism, and Respiratory & Immunology. Based in Cambridge, UK, AstraZeneca operates in over 100 countries.
AstraZeneca
1800 Concord Pike
Wilmington, DE 19803
(800) 236-9933
https://www.astrazeneca-us.com/
Booth #2024
Pharmaceuticals
AstraZeneca is a global, science-led biopharmaceutical company that focuses on the discovery, development and commercialization of prescription medicines in Oncology and BioPharmaceuticals, including Cardiovascular, Renal & Metabolism, and Respiratory & Immunology. Based in Cambridge, UK, AstraZeneca operates in over 100 countries.

BioCryst Pharmaceuticals, Inc.
4505 Emperor Boulevard
Suite 200
Durham, NC 27703
(919) 226-5852
http://www.biocryst.com
Booth #1117
Pharmaceuticals
BioCryst is a biotech company committed to discovering novel, oral, small-molecule medicines that treat rare diseases in which significant unmet medical needs exist. We're dedicated to delivering extraordinary medicines that empower patients to live ordinary lives.

bioMerieux
515 South Colorow Drive
Salt Lake City, UT 84108
(801) 736-6354
https://www.biofiredx.com
Booth #1154
Diagnostic Testing
BioFire Diagnostics offers syndromic infectious disease diagnostic solutions with several FDA-cleared and CE-marked assay-specific reagent panels. Each panel provides the ability to detect and identify a broad grouping of probable pathogens in a single, rapid PCR-based test. Learn more at www.biofiredx.com

Blueprint Medicines
45 Sidney Street
Cambridge, MA 02139
(617) 374-7580
https://www.blueprintmedicines.com/
Booth #1750
Pharmaceuticals
Blueprint Medicines is a global precision therapy company that aims to invent medicines for people with cancer and blood disorders.

Buzzy® Needle Relief by Pain Care Labs
195 Arizona Avenue Northeast
#LW08
Atlanta, GA 30307
(877) 805-2899
https://paincarelabs.com/
Booth #1263
Health/Body Care
Reduce pain & fear to improve adherence. Clinically proven Buzzy reduced pain, fear & fainting in 80+ RCTs. Used in 45,000,000+ procedures! Works for allergy testing, infusions, daily injections. Combines ice + patented vibration frequency. Blocks pain on contact, creating a comfortable patient experience & treatment journey.

Chemotechnique Diagnostics / Dormer Laboratories
91 Kelfield Street
Unit 5
Toronto, ON M9W 5A3
Canada
(416) 242-6167
http://www.dormer.com
Booth #1358
Diagnostic Testing
Chemotechnique Diagnostics, Sweden, is a world leader in reliable patch testing materials. ONLY CHEMOTECHNIQUE’S 550 HAPTEN/ALLERGEN PORTFOLIO IS APPROVED BY HEALTH CANADA...you can patch test with confidence. Most advanced “IQ” chambers, regular IQ-ULTRA and water-resistant IQ-ULTIMATE, are leak-free and aluminum-free. Dormer Laboratories, Toronto, Canada, is Chemotechnique’s North American Distributor.

Chiesi Global Rare Diseases
One Boston Place
4000
Boston, MA 02108
(774) 245-2064
https://chiesirarediseases.com/
Booth #1128
Pharmaceuticals
Chiesi Global Rare Diseases is a business unit of the Chiesi Group established in February 2020 and focused on research and development of treatments for rare and ultra-rare disorders. For more information visit chiesiglobalrarediseases.com/.
Clinical Immunology Society
555 East Wells Street
Suite 1100
Milwaukee, WI 53202
(414) 224-8095
https://clinimmsoc.org/CIS.htm
Booth #1176
Professional Association
The mission of the Clinical Immunology Society is to facilitate education, translational research and novel approaches to therapy in clinical immunology to promote excellence in the care of patients with immunologic/inflammatory disorders.

Code Ana
123 Metairie Road
Suite 203
Metairie, LA 70005
(504) 584-9181
https://codeana.org
Booth #1373
Other
Code Ana is a non-profit organization that equips schools, centers, and organizations to be prepared for medical emergencies - especially anaphylaxis.

Cogent Biosciences
275 Wyman Street
3rd Floor
Waltham, MA 02451
(617) 945-5576
https://www.cogentbio.com/
Booth #1155
Pharmaceuticals
Cogent Biosciences is a biotechnology company developing real solutions to treat genetically driven diseases with ongoing clinical research programs in Systemic Mastocytosis and Gastrointestinal Stromal Tumors (GIST). We are leveraging validated biology to address the true underlying drivers of disease and provide real hope for patients.

goVita
212 Cottage Grove Avenue
Suite C
Santa Barbara, CA 93101
(800) 707-5751
https://www.covita.net
Booth #2061
Diagnostic Equipment
For 45+ years, goVita has been providing breath analysis devices for medical applications, research and to improve public health. Our latest FDA cleared product, the NObreath® FeNO monitor aids in asthma management. Stop by our booth to see why our FeNO monitor has the features you have been waiting for.

CSL Behring
1020 First Avenue
King of Prussia, PA 19406-0901
(610) 878-4000
https://www.cslbehring.com
Booth #1206
Pharmaceuticals
CSL Behring is a global biotherapeutics leader driven by our promise to save lives. We meet patients’ needs using the latest technologies to develop and deliver innovative biotherapies that are used to treat serious and rare conditions such as coagulation disorders, primary immune deficiencies, hereditary angioedema and respiratory disease.

CuraScript SD
255 Technology Park
Lake Mary, FL 32746
(877) 599-7748
https://curascriptsd.com/
Booth #1959
Pharmaceuticals
CuraScript SD provides integrated delivery solutions for the safe & efficient distribution of specialty pharmaceuticals & associated medical supplies.

CURED (Campaign Urging Research for Eosinophilic Disease)
2937 Bayberry Drive
Buffalo Grove, IL 60089
(847) 361-3292
https://curedfoundation.org/
Booth #1262
Patient/Public Education
CURED is a not for profit foundation dedicated to those suffering from Eosinophilic Gastrointestinal Diseases (EGID), including eosinophilic esophagitis (EoE), eosinophilic gastritis (EoG), eosinophilic colitis (EoC), and other eosinophilic disorders. CURED is committed to raising substantial funding to aid in research.
Exhibits

CVS Specialty
1 CVS Drive
Woonsocket, RI 02895
(800) 237-2767
https://www.cvsspecialty.com/
Booth #1970
Pharmaceuticals
Personalized Specialty Pharmacy Services Our commitment to helping patients and their physicians manage complex drug therapies by delivering individualized care with expertise, compassion and dedication has made us one of the leading specialty pharmacies in the country. To learn more or to enroll patients, call 1-800-238-7828.

Cycle Pharmaceuticals
The Broers Building
21 JJ Thomson Avenue
Cambridge, CB3 0FA
United Kingdom
(234) 567-8900
https://cyclepharma.com/
Booth #2160
Pharmaceuticals
We’re passionate about providing superior drug treatments and services to patients with rare metabolic, immunological and neurological conditions. We utilize the latest cutting-edge pharmaceutical technologies to better serve rare genetic disease patients. We also provide individualized support services to patients, families, carers and the healthcare professionals community. Every patient matters.

DBV Technologies
106 Allen Road
Suite 400
Basking Ridge, NJ 07920
(908) 679-5200
https://www.dbv-technologies.com
Booth #1826
Immunotherapy
DBV Technologies is a global biopharmaceutical company developing investigational epicutaneous immunotherapy (EPIT™) treatment options using our innovative technology platform, Viaskin™, for people suffering from life-threatening food allergies and other immunological disorders. Starting with peanut, we’re investigating treatments designed to reduce the risk of unpredictable, life-threatening reactions due to accidental exposure.

eClinicalWorks
2 Technology Drive
Westborough, MA 01581
(508) 836-2700
https://www.eclinicalworks.com/
Booth #1148
Computer Hardware/Software
eClinicalWorks is a privately held leader in healthcare IT, providing comprehensive Electronic Health Record (EHR) and Practice Management (PM) solutions to medical professionals worldwide.

Elsevier
1600 John F. Kennedy Boulevard
Suite 1600
Philadelphia, PA 19103
(215) 239-3900
https://www.us.elsevierhealth.com/
Booth #1468
Publications
Elsevier is a world-leading provider of information solutions that enhance the performance of science, health, and technology professionals, empowering them to make better decisions, and deliver better care.

Enzyvant Therapeutics
2000 CentreGreen Way
Suite 350
Cary, NC 27513
(910) 783-9391
https://www.enzyvant.com
Booth #1966
Pharmaceuticals
Enzyvant is a biopharmaceutical company making life-altering impact for people affected by rare disease, where communities are small, and the human need is immense. The company delivered one of the first Regenerative Medicine Advanced Therapy products and makes promising advances against some of the greatest challenges in immunology and cardiopulmonology.

Eurofins Viracor
18000 West 99th Street
Lenexa, KS 66219
(816) 500-2390
https://www.eurofins-viracor.com/clinical/our-testing/allergy/
Booth #1248
Diagnostic Testing
Turn to Viracor for over 2,000 different allergy tests, some of which are highly esoteric and not performed at other commercial labs. Identify the cause of your patient’s reaction with testing for adverse drug reactions, as well as food and environmental allergens.
Euroimmun US LLC
1 Bloomfield Avenue
Mountain Lakes, NJ 07046
(973) 656-1000
http://www.euroimmun.us
Booth #1122
Diagnostic Testing
Since its inception in 1987, EUROIMMUN has consistently introduced successful diagnostic technologies like ELISA, western, and immunoblot assays. Our hallmark is the BIOCHIP Mosaic technology, which through its uniqueness and diagnostic precision, has set new standards in the clinical diagnostics industry.

Evme Inc.
4546 El Camino Real
B10 #705
Los Altos, CA 94024
(888) 501-3329
https://evme.com/pages/hcp
Booth #1968
Health/Body Care
Evme is focused on making breakthroughs in the way allergies and sensitivities are diagnosed, understood, and prevented. Our vision is to use data and education to reveal insights for skin allergies. Evme’s solution begins with skincare, formulated based on comprehensive scientific research, decades of data, and clinical experience.

Food Allergy & Anaphylaxis Connection Team (FAACT)
5512 Charleston Woods Drive
Liberty Twp, OH 45044
(815) 276-3015
https://www.FoodAllergyAwareness.org/
Booth #1178
Patient/Public Education
FAACT’s mission is to educate, advocate, and raise awareness for all individuals and families affected by food allergies and life-threatening anaphylaxis. FAACT has all the facts you need to manage food allergies at school, dining out, issues in the workplace, as well as preparing for college, bullying, and traveling.

Food Allergy Research & Education
7901 Jones Branch Drive
Suite 240
McLean, VA 22102
(800) 929-4040
https://www.foodallergy.org
Booth #1277
Patient/Public Education
FARE is the nation’s leading non-profit in food allergy advocacy and the largest private funder of food allergy research. FARE’s innovative education, advocacy and research initiatives transform the future of food allergy through new/improved treatments and prevention strategies, effective policies and legislation, and novel approaches to managing the disease.

Forme Financial
30 Cooper Square
10th Floor
New York, NY 10003
(914) 417-4556
https://www.formefinancial.com/
Booth #1771
Other
Physicians, let’s maximize your wealth. Financial stress is the second leading cause of burnout among physicians, even though you’re in the top 5% of earners. We help take the stress of financial planning off your plate with streamlined, 360° wealth management.

Genentech
1 DNA Way
South San Francisco, CA 94080
(800) 551-2231
https://www.gene.com/
Booth #1224
Pharmaceuticals
For more than 40 years, we’ve been following the science, seeking solutions to unmet medical needs. As a proud member of the Roche Group, we make medicines to treat patients with serious medical conditions. We are headquartered in South San Francisco, California.

GlaxoSmithKline
410 Blackwell Street
Durham, NC 27701
(888) 825-5249
https://gsk.com
Booth #1832
Pharmaceuticals
GSK unites science, technology, and talent to get ahead of disease together. We prevent and treat disease with vaccines, specialty and general medicines.

Grifols USA, LLC.
2410 Lillyvale Avenue
Los Angeles, CA 90032
(323) 225-2221
https://www.grifols.com/en/home
Booth #1952
Other
Grifols is a global healthcare company that since its founding in Barcelona in 1909 has enhanced the health and well-being of people around the world. Our four divisions - Bioscience, Diagnostic, Hospital, and Bio Supplies - develop, produce, and market innovative solutions and services in more than 100 countries.
Hikma Specialty USA Inc
1809 Wilson Road
Columbus, OH 43228
(614) 241-4189
https://hikma-specialty.com/
**Booth #2152**
**Pharmaceuticals**
At Hikma Specialty USA Inc., we create high-quality medicines and help make them available and affordable to the people who need them. Our customers and partners know they can depend on us to deliver innovative solutions that meet today's healthcare needs. Visit https://hikma-specialty.com/

HollisterStier Allergy
3525 North Regal Street
Spokane, WA 99207
(509) 964-1998
https://www.hsallergy.com
**Booth #1843**
**Allergenic Extracts**
HollisterStier Allergy is dedicated to being your partner in allergy management. Our complete line of high quality allergenic products and testing supplies allow allergy professionals to provide patients with the best possible care. Our product line includes extracts for diagnostic testing and immunotherapy, skin testing systems, and other ancillary supplies.

Horizon Therapeutics
1 Horizon Way
Deerfield, IL 60015
(224) 383-3000
https://www.horizontherapeutics.com/
**Booth #1734**
**Pharmaceuticals**
Horizon is a global biotechnology company focused on the discovery, development and commercialization of medicines that address critical needs for people impacted by rare, autoimmune and severe inflammatory diseases.

Immune Deficiency Foundation
7550 Teague Road
Suite 220
Hanover, MD 21076
(410) 321-6647
https://primaryimmune.org
**Booth #1185**
**Physician Education**
The Immune Deficiency Foundation improves the diagnosis, treatment, and quality of life of people affected by primary immunodeficiency through fostering a community empowered by advocacy, education, and research.

Immune Epitope Database and Analysis Resource
9420 Athena Circle
La Jolla, CA 92037
(619) 878-0556
https://iedb.org
**Booth #1368**
**Other**
The Immune Epitope Database (IEDB) catalogs experimental data on antibody and T cell epitopes studied in humans, non-human primates, and other animal species in the context of infectious disease, allergy, autoimmunity, and transplantation. The IEDB also hosts tools to assist in the prediction and analysis of epitopes.

Incyte Corp.
1801 Augustine Cut-off
Wilmington, DE 19803
(463) 203-9164
https://www.incyte.com
**Booth #2043**
**Pharmaceuticals**
Incyte is a Wilmington, Delaware-based, global biopharmaceutical company focused on finding solutions for serious unmet medical needs through the discovery, development, and commercialization of proprietary therapeutics. For additional information on Incyte, please visit Incyte.com and follow @Incyte on Twitter. For more information on OPZELURA™ (ruxolitinib) cream 1.5%, visit OpzeluraHCP.com.

International FPIES Association (I-FPIES)
330 River Avenue
Point Pleasant Beach, NJ 08742
(908) 910-4419
http://www.fpies.org
**Booth #1180**
**Patient/Public Education**
The International FPIES (Food Protein-Induced Enterocolitis Syndrome) Association is a recognized 501(c)3 nonprofit corporation and organization that provides education, support, and advocacy for individuals with Food Protein-Induced Enterocolitis Syndrome (FPIES) and their families.

Ionis Pharmaceuticals
2855 Gazelle Court
Carlsbad, CA 92010
(914) 275-7134
https://www.ionispharma.com/
**Booth #1865**
**Pharmaceuticals**
For more than 30 years, Ionis has been the leader in RNA-targeted therapy, pioneering new markets and changing standards of care with its novel antisense technology. Ionis currently has three marketed medicines and a premier late-stage pipeline highlighted by industry-leading neurological and cardiometabolic franchises. To learn more, visit www.ionispharma.com.
Johnson & Johnson
199 Grandview Road
Skillman, NJ 07960
(862) 222-7631
https://www.zyrtecprofessional.com
Booth #1869
Health/Body Care
Zyrtec® and Aveeno®

KabaFusion
17777 Center Court Drive North
Suite 550
Cerritos, CA 90703
(832) 581-6748
https://www.kabafusion.com
Booth #2060
Pharmaceuticals
KabaFusion is a national, patient-focused home infusion company specializing in IVIG, SCIG and Acute IV therapies. As an industry-leader, with over 30 years’ experience in home-infusion, we provide comprehensive support to our patients and providers before, during and after treatment. We believe in putting the “care” back in healthcare.

kaléo
111 Virginia Street
Suite 300
Richmond, VA 23219
(804) 545-6360
http://www.kaleo.com
Booth #1961
Pharmaceuticals
kaléo is a pharmaceutical company dedicated to building innovative solutions that can help empower patients with certain serious, life-threatening medical conditions and their caregivers. kaléo products combine established drugs with innovative delivery platforms, with the goal of achieving safety, efficacy and cost effectiveness.

Klara
228 Park Ave S PMB 86397
New York, NY 10003
(919) 841-8100
https://www.klara.com/
Booth #1765
Other
Klara offers 2-way messaging and personalized communication automations that reduce redundant manual tasks. Our advanced phone integration transforms high call volume into centralized, efficient texting and you can improve practice operations, decrease staff burnout and increase patient retention.

Lincoln Diagnostics, Inc.
P0 Box 1128
Decatur, IL 78253
(217) 520-8817
https://www.lincolndiagnostics.com/
Booth #1106
Diagnostic Testing
Lincoln Diagnostics meets all current OSHA requirements-Multi-Test PC (Pain Control), UniTest PC, Multi-Test II, Multi-Test, Duotip-Test II, and Duotip-Test. Please visit us to learn why our devices are the most widely used and most extensively published on devices available.

Med Learning Group
450 7th Avenue
32nd Floor
New York, NY 10123
(908) 418-1445
https://www.medlearninggroup.com
Booth #1350
Physician Education
The animations in this simulation will help describe the pathogenesis of chronic rhinosinusitis with nasal polyps, evaluate existing and newer agents that can be used to treat CRSwNP, and identify patients that may benefit from treatment with biologic therapies.

MEDI LAZER
6950 West Via Olivero Avenue
5
Las Vegas, NV 89117
(844) 556-3120
https://medilazer.net/
Booth #1254
Equipment/Supplies
Light therapy devices and hypoallergenic products.

MedicoCX
800 West Main Street
1460
Boise, ID 83702
(850) 598-1042
https://www.medico.cx
Booth #1860
Office Management
MedicoCX is a group of independent specialists, primarily allergists, dedicated to providing evidence-based, standardized care while also capitalizing on cumulative buying power in an effort to decrease the cost of medical supplies and medications, including biologics.
Merck & Co., Inc.
2000 Galloping Hill Road
Kenilworth, NJ 07033
(908) 740-4000
https://www.merck.com/
Booth #1948
Pharmaceuticals
At Merck, we use the power of leading-edge science to save and improve lives around the world. We’ve been at the forefront of research, bringing forward medicines, vaccines, and innovative health solutions for the world’s most challenging diseases.

Methapharm Inc
81 Sinclair Boulevard
Brantford, ON N3S 7X6
Canada
(416) 558-4466
http://www.methapharmrespiratory.com
Booth #2052
Diagnostic Testing
Methapharm Respiratory takes pride in working with healthcare practitioners to support the right diagnosis for patients exhibiting common respiratory symptoms. Methapharm Respiratory supports clinicians in the diagnostic process with methacholine and mannitol challenge tests as objective measures of airway hyperresponsiveness. We also offer training and education (CRCE) at no cost.

MGC Diagnostics
350 Oak Grove Parkway
St. Paul, MN 55127
(651) 484-4874
https://mgcdiagnostics.com/
Booth #1364
Diagnostic Equipment
MGC Diagnostics® is a global medical technology company dedicated to cardiorespiratory health solutions. Our Exhaled Nitric Oxide, Forced Oscillation Technique and Spirometry devices are perfectly suited for clinical and research work in Allergy and Asthma clinics. Our systems provide solutions for early detection and medication control programs for Asthma Management.

Micro Direct, Inc.
803 Webster Street
Lewiston, ME 04240
(800) 588-3381
https://www.mdspiro.com
Booth #1769
Spirometry
For almost 30 years, Micro Direct has been offering spirometers designed to meet your needs. From a simple hand-held to full featured PC and desktop models, Micro Direct has a spirometer to meet your needs. Please stop by our booth to see the exciting new spirometers we are offering.

MIR-Medical International Research
5462 South Westridge Drive
New Berlin, WI 53151
(844) 464-7872
https://spirometry.com
Booth #1836
Diagnostic Equipment
MIR-Medical International Research is a manufacturer of portable spirometry devices for both hospital and clinic testing along with smart connected home use spirometers for the RPM/RTM marketspace.

Mission: Allergy, Inc.
28 Hawleyville Road
PO Box 45
Hawleyville, CT 06440
(203) 364-1570
https://missionallergy.com
Booth #1352
Environmental Products
Leading allergists recommend Mission: Allergy for its scientific accuracy and highest quality microfiber pillow and mattress encasings and products for allergen avoidance. Please stop by our booth to request your free supply of our informative Allergy Self-Help Guide for patients, and to view live Dust Mites in High-Definition.

Modernizing Medicine
4850 T-Rex Avenue
Suite 200
Boca Raton, FL 33431
(561) 880-2998
https://www.modmed.com/allergy-immunology/
Booth #1761
Computer Hardware/Software
The ModMed Allergy, Asthma and Immunology software suite is a cloud-based, electronic health records (EHR) system designed to adapt to each doctor’s style of practice, remembering preferences and providing suggestions for exam notes and billing codes.

ModuleMD
8359 Office Park Drive
Grand Blanc, MI 48439
(877) 347-7978
https://www.modulemd.com/
Booth #2063
Computer Hardware/Software
ModuleMD is the leading Allergist-designed SaaS solution. We enabled our customers nationwide to improve clinical performance, efficiency, and ROI with allergy-specific workflows and specialized billing services. ModuleMD’s software suite incorporates EHR, Skin Testing, Immunotherapy, Practice Management, RCM, Patient Engagement, and more with partner integrations that enhance overall practice workflow.
Molekule
10455 Riverside Drive
Suite 100
Palm Beach Gardens, FL 33410
(833) 652-5326
https://molekule.com
Booth #1964
Other
Molekule’s FDA-cleared air purifiers provide better indoor air quality (IAQ) by capturing and destroying airborne threats such as bacteria, viruses, fungi, and pollutants using a unique combination of HEPA filtration and light-activated technology so you can live, work, play, and breathe easier with cleaner, safer, better air.

Morgan Scientific, Inc.
151 Essex Street
8th Floor
Haverhill, MA 01832
(978) 521-4440
https://www.morgansci.com
Booth #2054
Spirometry
Morgan Scientific offers three generations of innovation in the PFT space from the original transfer test to the groundbreaking ComPAS2 PFT Enterprise Software. ComPAS2 partnered Vitalograph’s Pneumotrac is the perfect match for your spirometry needs.

MotherToBaby Pregnancy Studies
9500 Gilman Drive
MC 0828
La Jolla, CA 92903
(877) 311-8972
http://mother-tobaby.org/healthcare-professionals/allergy-immunology/
Booth #1282
Patient/Public Education
MotherToBaby Pregnancy Studies conducts observational research on the safety of medications and vaccines in pregnancy which allows us to help moms and healthcare providers make informed treatment decisions. If you have a patient who is currently pregnant and managing these conditions, refer them today!

National Allergy Bureau
555 East Wells Street
Suite 1100
Milwaukee, WI 53202
(414) 272-6071
https://pollen.aaaai.org/#/
Booth #1163
Patient/Public Education
Visit the NAB’s booth to view the latest ATLAS and to learn more about this international Aerobiology network. Speak to experts in the field, too!

National Eczema Association
505 San Marin Drive
Suite B300
Novato, CA 94945
(415) 499-3474
https://nationaleczema.org/
Booth #1371
Patient/Public Education
Your partner in eczema care, NEA provides resources for your patients and practice to make the most of office visits, treatment decisions & ongoing eczema management. NEA’s free app EczemaWise helps patients manage their eczema and be more engaged in their care, developed with input from physicians, patients & caregivers.

National Institute of Environmental Health Sciences
111 TW Alexander Drive
Research Triangle Park, NC 27709-0043
(919) 541-3345
https://www.niehs.nih.gov/
Booth #1470
Patient/Public Education
The National Institute of Environmental Health Sciences (NIEHS), part of the National Institutes of Health, is located in Research Triangle Park, North Carolina. Our mission is to discover how the environment affects people, in order to promote healthier lives. NIEHS is home to the National Toxicology Program (NTP).

Nestlé Health Science
1041 US Highway 202
Bridgewater, NJ 08807
(800) 422-ASK2 (2752)
https://www.nestlehealthscience.com
Booth #1132
Nutrition
Nestlé Health Science is a globally recognized leader in the science of nutrition. It is committed to empowering healthier lives and has an industry-leading portfolio of medical nutrition, consumer care and pharmaceutical solutions, with food allergies as a key pillar. For more information, please visit www.nestlehealthscience.com

Nexus HR Services
8795 Folsom Boulevard
Suite 205
Sacramento, CA 95826
(916) 339-7040
https://www.nexushr.com
Booth #1146
Office Management
Acting as your full-service, remote HR manager, we won’t just answer questions—we’ll also do the work for you. From government agency requests, employee communications, company policies, and more, Nexus HR handles all those tedious and stressful tasks so you don’t have to.
Novartis Pharmaceutical Corporation
One Health Plaza
East Hanover, NJ 07936
(862) 325-0278
https://www.novartis.com
Booth #1727
Pharmaceuticals
Novartis is reimagining medicine to improve and extend people’s lives. As a leading global medicines company, we use innovative science and digital technologies to create transformative treatments in areas of great medical need.

Octapharma USA
117 West Century Road
Paramus, NJ 07652
(551) 305-8605
https://www.octapharmausa.com
Booth #1149
Immunotherapy
Octapharma is a Swiss-based manufacturer committed to patient care and medical innovation. Octapharma’s business involves the development of high quality plasma protein and recombinant therapies.

OIT Connect
126 College Street
Suite B
Battle Creek, MI 49037
(269) 342-2593
https://www.oitconnect.com/Content/default.html
Booth #1118
Computer Hardware/Software
OITConnect™ offers an easy, HIPAA-compliant way to document food oral immunotherapy treatments for both doctors and patients while increasing the safety and efficiency of an OIT clinical practice.

Option Care Health
3000 Lakeside Drive
Suite 300N
Bannockburn, IL 60015
(224) 775-6100
https://optioncare.com
Booth #1151
Other
Option Care Health, the largest national independent infusion therapy provider in the U.S., provides infusion therapy treatments for acute and chronic conditions at home or at one of our infusion suites across all 50 states. Our purpose is to provide extraordinary care along every step of the infusion therapy process.

Optum Infusion Pharmacy
15529 College Boulevard
Lenexa, KS 66219
(913) 217-9766
https://optum.com
Booth #2050
Other
Optum® Infusion Pharmacy is a home infusion care provider with a national network of pharmacies. We specialize in immunoglobulin, parenteral nutrition, anti-infectives, hydration, biologics and other specialty infusions. Our comprehensive services include specially trained in-house nurses and pharmacists, around-the-clock clinical support, reimbursement specialists and ongoing patient education.

Pfizer
66 Hudson Yards
New York, NY 10001
(212) 733-2323
https://www.pfizer.com
Booth #1112
Pharmaceuticals

Pfizer
66 Hudson Yards
New York, NY 10001
(212) 733-2323
http://www.pfizer.com
Booth #1233
Pharmaceuticals

Pfizer
66 Hudson Yards
New York, NY 10001
(212) 733-2323
http://pfizer.com
Booth #2069
Pharmaceuticals
Exhibits

Pharming Healthcare Inc.
10 Independence Boulevard
4th Floor
Warren, NJ 07059
(267) 614-9255
https://www.pharming.com/
Booth #1240
Pharmaceuticals
Pharming Healthcare, Inc. is a global, commercial stage biopharmaceutical company developing innovative protein replacement therapies and precision medicines for the treatment of rare diseases and unmet medical needs.

Propeller Health
1 South Pinckney Street
Suite 610
Madison, WI 53703
(877) 251-5451
https://propellerhealth.com/
Booth #1249
Other
Propeller Health is a precision digital health company on a mission to uplift every person living with chronic disease. Our FDA-cleared digital therapeutic platform collects the data needed to monitor medication use, proactively identify at-risk patients, and maintain a line of sight into patient health between visits and prescription refills.

PulmOne USA
444 Madison Avenue
6th Floor
New York, NY 10022
(888) 635-9798
https://www.pulm-one.com/
Booth #1732
Diagnostic Equipment
Learn about the MiniBox+: Complete Pulmonary Function Testing (PFT) with cabinless, portable plethysmography. FAST: Lung Volumes, Spirometry and DLCO in only 20 minutes. EASY: Fully automated. ACCURATE: Proven equivalency to body box. SAFE: Complies with COVID-19 safety recommendations. Widely used by physicians across the U.S.

Rabbit Air
125 North Raymond Avenue
Suite 308
Pasadena, CA 91103
(626) 396-9197
https://www.rabbitair.com/
Booth #1130
Environmental Products
Founded in 2004, our Los Angeles-based company has dedicated its time, energy, and resources to perfecting a product that improves quality of life: the air purifier. Utilizing HEPA filtration along with a charcoal filter, our air purifiers are powerful, sleek, yet quiet and complementing of any environment.

Reacta Healthcare
Reacta Healthcare
2, Newtech Square
Deeside Industrial Park,
Deeside, CH5 2NT
United Kingdom
07725564631
http://www.reactahealthcare.com
Booth #1868
Immunotherapy
Reacta Healthcare develops and manufactures challenge meals for use in food allergy clinical trials. Building from this foundation, we offer innovative development and manufacturing solutions across the food allergy space.

Reckitt/Mead Johnson Nutrition
2400 West Lloyd Expressway
Evansville, IN 47721
(812) 429-5000
http://www.hcp.meadjohnson.com
Booth #1348
Nutrition
Mead Johnson Nutrition (MJN)/Reckitt has combined state-of-the-art research, scientific partnerships, and commitment to the highest quality and nutritional standards. Our Enfa portfolio and innovations are trusted by parents and healthcare professionals around the world to support growing families at every stage of development. To explore our portfolio, visit www.hcp.meadjohnson.com
Exhibits

Red Maple Trials
2505 St. Laurent Boulevard
Ottawa, ON K1H 1E4
Canada
(613) 368-4320
https://www.redmapletrials.com/
Booth #1252
Clinical Research Organizations
Red Maple Trials provides specialty clinical trial services in allergy, asthma and immunology. Our unique facilities include allergen exposure chambers that provide controlled environments for innovative allergy research.

Regeneron and Sanofi
777 Old Saw Mill River Road
Tarrytown, NY 10591
(914) 847-7000
https://www.dupixenthcp.com
Booth #1910
Pharmaceuticals
Regeneron and Sanofi collaborate to jointly develop certain fully-human monoclonal antibody therapies under a global collaboration agreement. Regeneron is a leading biotechnology company that invents life-transforming medicines for serious diseases. Sanofi is a global biopharmaceutical company focused on human health. For more information, visit www.Regeneron.com and www.Sanofi.com.

Regeneron and Sanofi
777 Old Saw Mill River Road
Tarrytown, NY 10591
(914) 847-7000
https://www.regeneron.com/
Booth #1217
Pharmaceuticals
Regeneron and Sanofi collaborate to jointly develop certain fully-human monoclonal antibody therapies under a global collaboration agreement. Regeneron is a leading biotechnology company that invents life-transforming medicines for serious diseases. Sanofi is a global biopharmaceutical company focused on human health. For more information, visit www.Regeneron.com and www.Sanofi.com.

Revivicor Inc.
1700 Kraft Drive
Suite 2400
Blacksburg, VA 24060
(540) 808-2606
https://www.revivicor.com
Booth #1152
Pharmaceuticals
Alpha-Gal Syndrome: How to overcome the impact of this meat allergy? A Solution: The availability of a unique FDA approved pig, GalSafe™. GalSafe™ Food Products contain a USDA label indicating an alpha-gal free product that does not contain detectable levels of alpha-gal which causes allergic responses in AGS patients.

SENTA Partners
8200 Roberts Drive
Suite 450
Sandy Springs, GA 30350
(678) 933-6349
https://www.sentapartners.com/
Booth #1370
Office Management
SENTA Partner physicians provide the highest quality allergy, asthma, immunology and otolaryngology care through our network of practices.

Silicon Valley Innovations
5470 Kietzke Lane
Suite 300
Reno, NV 89511
(702) 246-2207
https://www.nasoclenz.com/
Booth #2058
Health/Body Care
NasoClenz is an antiseptic cleansing kit designed for the nose. Unlike sprays or messy rinses, we’ve created a comfortable, convenient way to clean and moisturize the nose, even when you’re on the go. The nose is often the first stop for allergens, smoke, germs, and other particles in the air.

SmartPractice
3400 East McDowell Road
Phoenix, AZ 85008
(800) 878-3837
Booth #1951
Patient/Public Education
SmartPractice Dermatology | Allergy provides innovative patch test products and easier access to educational resources to help diagnose allergic contact dermatitis and find solutions to help your patients live healthier, happier lives.

Stallergenes Greer
639 Nuway Circle
PO Box 800
Lenoir, NC 28645
(800) 378-3906
https://www.STAGRAAllergy.com
Booth #1140
Allergenic Extracts
Headquartered in North Carolina, Stallergenes Greer’s business in the United States is part of a leading global biopharmaceutical company specializing in the development and commercialization of allergy immunotherapy (AIT) products and services for use in the diagnosis and treatment of allergies.
Exhibits

Stallergenes Greer
639 Nuway Circle
PO Box 800
Lenoir, NC 28645
(800) 378-3906
https://www.stallergenesgreerus.com
Booth #1134

Allergic Extracts
Headquartered in North Carolina, Stallergenes Greer’s business in the United States is part of a leading global biopharmaceutical company specializing in the development and commercialization of allergy immunotherapy (AIT) products and services for use in the diagnosis and treatment of allergies.

Takeda Pharmaceuticals (Alpha-1)
650 East Kendall Street
Cambridge, MA 02142
(877) 825-3327
https://www.takeda.com
Booth #1824

Pharmaceuticals
Takeda is a global, values-based, R&D-driven biopharmaceutical leader headquartered in Japan, committed to discover and deliver life-transforming treatments, guided by our commitment to patients, our people and the planet. www.takeda.com

Takeda Pharmaceuticals (HAE & PI)
650 East Kendall Street
Cambridge, MA 02142
(877) 825-3327
https://www.takeda.com
Booth #1822

Pharmaceuticals
Takeda is a global, values-based, R&D-driven biopharmaceutical leader headquartered in Japan, committed to discover and deliver life-transforming treatments, guided by our commitment to patients, our people and the planet. www.takeda.com

TerSera Therapeutics
520 Lake Cook Road
Suite 500
Deerfield, IL 60015
(847) 739-7942
https://www.tersera.com
Booth #1124

Pharmaceuticals
TerSera Therapeutics is a specialty pharmaceutical company headquartered in suburban Chicago. Our mission is to develop and market products which truly make a difference for patients.

Teva Pharmaceuticals
400 Interpace Parkway
Parsippany, NJ 07054
(816) 718-1624
https://www.tevusa.com
Booth #2032

Pharmaceuticals
Teva has been developing and producing medicines to improve people’s lives for more than a century. We are a global leader in generic and specialty medicines with a portfolio of over 35,000 products.

The Clinical Trials Network (CTNx)
700 West St. Clair Avenue
Suite 414
Cleveland, OH 44113
(833) 843-2869
https://thectnx.com/
Booth #1259

Clinical Research Organizations
The Clinical Trials Network provides physicians the ability to enhance their practices by contributing to clinical research, while providing patients with the latest treatments. We streamline research activities providing one budget, one contract, and one point of contact.

The European Academy of Allergy and Clinical Immunology (EAACI)
Hagenholzstrasse 111 3rd Floor
Zurich, 8050
Switzerland
+41 44 205 55 39
https://eaaci.org
Booth #1965

Clinical Research Organizations
EAACI is an association of clinicians, researchers and allied health professionals, dedicated to improving the health of people affected by allergic diseases with more than 13,000 members from 124 countries and over 50 National Allergy Societies.

The Mast Cell Disease Society
PO Box 416
Sterling, MA 01564
(978) 506-4180
https://www.tmsforacure.org
Booth #1181

Patient/Public Education
The Mast Cell Disease Society, Inc. (TMS) is a nonprofit organization dedicated to providing multi-faceted support to patients, families, and medical professionals in our community and to leading the advancement of knowledge and research in mast cell diseases through education, advocacy and collaboration. Learn more at www.tmsforacure.org.
The Permanente Medical Group, Inc.
1800 Harrison Street
7th Floor
Oakland, CA 94612
(510) 625-4120
https://northerncalifornia.permanente.org/careers/
Booth #1955

Other
The Permanente Medical Group (TPMG) is the largest medical group in the United States. Our 9,300 physicians and 40,000 staff are leading the transformation of health care. Through nation-leading quality, preeminent research, we are delivering superior clinical outcomes and often life-changing impact on our patients.

Thermo Fisher Scientific
Rapsgatan 7P
Uppsala, 751 37
Sweden
(461) 816-5000
http://thermofisher.com/phadia
Booth #1971

Diagnostic Equipment
Thermo Fisher Scientific is the world leader in serving science. Our mission is to enable our customers to make the world healthier, cleaner and safer. Our complete blood test systems support the clinical diagnosis of allergy, asthma and autoimmune diseases.

Thorasy Thoracic Medical Systems Inc.
6560 Avenue de L'Esplanade
Suite 103
Montreal, QC H2V4L5
Canada
(514) 384-8555
https://www.thorasy.com/
Booth #2066

Diagnostic Equipment
THORASYS is a digital health company that develops and brings to market innovative solutions for pulmonary assessment offering accessible, accurate and simplified testing for every patient along with deeper insights that are easy to interpret. Our device tremoflo® C-100, Airwave Oscillometry System (AOS), measures lung function quickly and easily.

Virant Diagnostics
11002 Veirs Mill Road
Suite 404
Wheaton, MD 20902
(877) 888-2973
https://virantdx.com/
Booth #1362

Diagnostic Testing
Virant Diagnostics is a new cutting-edge reference laboratory, focusing on allergy and immunology diagnostic tests. Our specialized test menu includes flow cytometry (Immunophenotyping and Basophil Activation panels), ImmunoCAP allergy panels (slgE & IgG4), and a comprehensive laboratory-developed angioedema diagnostic platform (Next-Generation Sequencing, Immunochemistry and Mass Spectrometry on complement pathway components).

Vitalograph, Inc.
13310 West 99th Street
Lenexa, KS 66215
(913) 730-3228
https://vitalograph.com/healthcare/
Booth #1266

Diagnostic Equipment
A Global Leader in Respiratory Diagnostics At Vitalograph, we constantly work to push the boundaries of innovation through our high-quality medical devices. Our devices are found in healthcare and occupational health settings worldwide, where they are used to aid the diagnosis and management of respiratory conditions.

Wise Prince LLC
1715 Hannaford Drive
Sugar Grove, IL 60554
(773) 960-4730
http://foodallergyfix.com
Booth #1261

Immunotherapy
The Food Allergy Fix is an integrative and evidence-based approach to food allergen desensitization, providing education and tools to empower families living with life-threatening food allergy. Best-selling books, a mobile app for oral immunotherapy dosing, and web portal for allergists to track patient progress during OIT.
World Allergy Organization
555 East Wells Street
Suite 1100
Milwaukee, WI 53202
(414) 276-1791
https://worldallergy.org
Booth #1260
Professional Association
The World Allergy Organization (WAO) is an international umbrella organization whose members consist of 109 regional and national allergology and clinical immunology societies from around the world. By collaborating with member societies, WAO provides direct educational outreach programs, symposia and lectureships to members in nearly 100 countries around the globe.

XLEAR, INC.
723 South Auto Mall Drive
PO Box 1421
American Fork, UT 84003
(801) 492-2055
https://xlear.com
Booth #1250
Health/Body Care
Xlear, Inc., the leading name in xylitol consumer products, is the most trusted company by medical and oral care professionals as well as consumers. Our Spry Dental Defense System and patented Xlear nasal care products use Pharmaceutical grade Xylitol to help our customers have better oral and upper-respiratory health.
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European Academy of Allergy and Clinical Immunology
9 – 11 June 2023
Hamburg, Germany

EAACI Congress 2023

Pathways from precision medicine to personalised health care in allergy and asthma

Registrations are open!

www.eaaci.org #eaaci2023
Henry B. González Convention Center Floor Plan

Ballroom Level
Faculty Index

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Abramson, Stuart L., MD PhD AE-C FAAAAI, San Angelo, TX - 1520
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