



# **The Impact of Environmental, Food, and Contact Allergies on Atopic Dermatitis**

**Thursday, February 27, 2025 • Noon-4 pm PT  
San Diego Convention Center • Upper Level, Room 6B • San Diego, CA, USA**

***An International Eczema Council Symposium at the 2025  
American Academy of Allergy Asthma & Immunology (AAAAI)  
& World Allergy Organization (WAO) Joint Congress***

## AGENDA

### Noon–12:05 pm

#### Introduction

JiaDe Yu, MD MS; IEC Councilor; Harvard Medical School, Boston, MA, USA

### 12:05–12:15 pm

#### Welcome from the IEC

Alan Irvine, MD DSc; IEC President; Trinity College Dublin, Children's Health, Dublin, Ireland

### 12:15–12:35 pm

#### Role of Peripartum Antibiotics in the Development of Atopic Dermatitis

Zelma Chiesa Fuxench, MD MSCE; IEC Associate; University of Pennsylvania, Philadelphia, PA, USA

### 12:35–12:55 pm

#### Environmental Risk Factors in Atopic Dermatitis: Children's Respiratory Environmental Workgroup Consortium and Childhood Allergies and the Neonatal Environment

Anne Marie Singh, MD; University of Wisconsin, Madison, WI, USA

### 12:55–1:15 pm

#### Recent Understandings in the Crosstalk of the Skin, Gut, and Lung Epithelia

Ioana Agache, MD; IEC Councilor; Transylvania University, Braşov, Romania

### 1:15–1:35 pm

#### The Bilateral Relationships Between Food Allergy and Atopic Dermatitis

Sharon Chinthrajah, MD; Stanford University, Stanford, CA, USA

### 1:35–1:50 pm

#### Break

### 1:50–2:10 pm

#### Allergic Contact Dermatitis in Patients with Atopic Dermatitis

Amber Reck Atwater; MD FAAD; IEC Associate; Distinctive Dermatology, Duke Dermatology, and George Washington University; Vienna, VA, USA

### 2:10–2:30 pm

#### Irritant Contact Dermatitis in Atopics

Marcella Aquino, MD; Brown University School of Medicine, Providence, RI, USA

### 2:30–2:50 pm

#### Can We Stop the Atopic March? Are We There Yet?

Wanda Phipatanakul, MD MS; Boston Children's Hospital, Boston, MA, USA

### 2:50–3:10 pm

#### Novel Pipeline Therapies for Atopic Dermatitis: Beyond IL-13 and JAKi

Raj Chovatiya, MD PhD MSCI FAAD; IEC Councilor; Rosalind Franklin University Chicago Medical School, Chicago, IL, USA

### 3:10–3:30 pm

#### The One Health Approach for Atopic Dermatitis

Kari Nadeau, MD PhD; Harvard T.H. Chan School of Public Health & Beth Israel Deaconess Medical Center, Boston, MA, USA

### 3:30–3:55 PM

#### Panel Discussion

All Speakers

### 3:55–4 PM

#### Closing Comments & Adjournment

## IEC PRESIDENT



### Alan Irvine, MD DSc, IEC President

Alan Irvine has been a consultant dermatologist at Children's Health Ireland and St. James's Hospital, Dublin, Ireland, since 2002 and professor of dermatology at Trinity College Dublin since 2007.

He has published extensively in high impact journals such as the *New England Journal of Medicine*, *The Lancet*, *Nature Genetics*, and *Nature Reviews Disease Primers*—mostly on epithelial genetics, characterisation of the skin barrier, disease mechanisms in, and therapy of, atopic dermatitis. His international awards for research include the Times Higher Education Supplement Research Project of the Year and the Paul Gerson Unna Prize (German Dermatology Society). He has delivered several prize lectureships including the MB Sulzberger (AAD), Watson-Smith (RCP Edin), and Dolovich (AAAAI).

Dr. Irvine is a founding director of the International Eczema Council, an elected member of the Royal Irish Academy and the Academia Europaea, and an honorary member of the Société Française de Dermatologie.

He trained in dermatology and genetics in Belfast, Northern Ireland; in Great Ormond Street Hospital in London, England; and as a Fulbright Scholar at Children's Memorial/Northwestern University in Chicago, IL, USA.

## PROGRAM CO-CHAIRS



### JiaDe (Jeff) Yu, MD MS, IEC Councilor

JiaDe (Jeff) Yu is the director of occupational and contact dermatitis and runs a dedicated atopic dermatitis clinic at the Massachusetts General Hospital and Harvard Medical School in Boston, MA, USA. His clinical interests include eczema, complex inherited genetic skin conditions (genodermatoses), and the full spectrum of pediatric dermatology.

He is the president-elect of the American Contact Dermatitis Society and serves on the Society's Pediatric Contact Dermatitis Working Group and the Interactive Media Committee. He also is an active member of the IEC, the Society of Pediatric Dermatology, Pediatric Dermatology Research Alliance, and the American Academy of Dermatology. He has published multiple peer-reviewed journal articles in *Pediatric Dermatology*, *Dermatitis*, *Pediatrics*, *American Journal of Dermatopathology*, *Journal of Cutaneous Pathology*, *Journal of Pediatrics*, and *Journal of Child Neurology*.

Dr. Yu received his medical degree from the University of Virginia where he was inducted into the Alpha Omega Alpha medical honor society. He completed a pediatrics internship at the Massachusetts General Hospital for Children, his dermatology residency at the Medical College of Wisconsin where he served as chief resident, and his pediatric dermatology fellowship at the Children's Hospital of Philadelphia/University of Pennsylvania.



### Ioana Agache, MD PhD, IEC Councilor

Ioana Agache is professor of allergy and clinical immunology at Transylvania University in Braşov, Romania. She is a past president of the European Academy of Allergy and Clinical Immunology (EAACI; 2017-2019) and is the chair of EAACI's Research and Outreach Committee. Her research in the field of asthma, allergy, and clinical immunology focuses on asthma phenotypes and endotypes, immune modulation and immune tolerance, and the role of the exposome and One Health in allergic diseases and asthma.

Dr. Agache coordinated the EAACI Guidelines on Biologicals and the EAACI Guidelines on Allergen Immunotherapy (AIT) in Asthma and is leading the EAACI Guidelines on Allergic Asthma, the EAACI Guidelines on the Environmental Science in Allergy and Asthma, and the EAACI Task Force on New Nomenclature for Allergic Diseases. She is editor of several books, including *Implementing Precision Medicine in Best Practices of Chronic Airway Diseases* (2018), *Global Atlas of Asthma* (2013 and 2022), *Global Atlas of Allergy* (2014), and *Global Atlas of Allergic Rhinitis and Chronic Rhinosinusitis* (2015). She is deputy editor of *Allergy* and associate editor of *Clinical and Translational Allergy*.

Dr. Agache graduated with a medical degree from Carol Davila University of Medicine and Pharmacy in Bucharest, Romania, and graduated magna cum laude when she earned her PhD in internal medicine.

## PROGRAM FACULTY



### Marcella Aquino, MD FAAAAI

Marcella Aquino is a professor of pediatrics at the Warren Alpert Medical School of Brown University and staff at Rhode Island Hospital/Hasbro Children's Hospital in the Division of Allergy and Immunology in Providence, RI, USA. She is the program director of the Allergy/Immunology Fellowship at Brown, Rhode Island Hospital, and Hasbro Children's Hospital.

Dr. Aquino's interests include healthcare disparities in allergic skin diseases, particularly allergic contact dermatitis and atopic dermatitis. She has presented on these topics at national meetings and published in textbooks and peer-reviewed journals with a focus on contact dermatitis, including on patch testing, the role of contact dermatitis in atopic dermatitis patients, drug allergy challenges/desensitizations, and the use of simulation for the instruction of anaphylaxis/allergic emergencies. She serves on the American College of Allergy, Asthma and Immunology (ACAAI) Board of Regents and as chair of the American Academy of Allergy, Asthma & Immunology (AAAAI) Allergic Skin Disease Committee.

Dr. Aquino completed her residency in pediatrics at New York University/Bellevue Hospital and an allergy/immunology fellowship at the University of Medicine and Dentistry of New Jersey (UMDNJ)-Newark.

## PROGRAM FACULTY (CONTINUED)



### **Amber Reck Atwater, MD FAAD; IEC Associate**

Amber Reck Atwater is the founding owner and manager of Distinctive Dermatology in Vienna, VA, USA. She is a clinical associate professor of dermatology at George Washington University in Washington, DC, USA.

Dr. Atwater is a nationally recognized expert in allergic contact dermatitis and patch testing. She is also an expert in atopic dermatitis, with extensive clinical experience on the care of patients with this serious skin condition. She is a new associate member of the IEC, past president of the American Contact Dermatitis Society (ACDS), a member of the North American Contact Dermatitis Group, and the Contact Allergen Management Program director for the ACDS.



### **Sharon Chinthrajah, MD**

R. Sharon Chinthrajah is an associate professor and co-director of the Sean N. Parker Center for Allergy and Asthma Research at Stanford University in Palo Alto, CA, USA. Her research is focused on developing novel therapeutic options for allergic diseases as well as unravelling the molecular mechanisms driving therapeutic response.

She has extensive experience in performing both academic and industry-sponsored clinical trials investigating allergic diseases such as food allergy, atopic dermatitis, and COVID-19. Her research has led to the publication of more than 130 research articles in peer-reviewed journals, including studies that led to the FDA approval of omalizumab for the treatment of food allergy. She is dedicated to training the next generation of clinical researchers and continues to act as a mentor for students and junior faculty interested in pursuing medical research.

Dr. Chinthrajah received her MD from Drexel University College of Medicine in Philadelphia, PA, USA; completed her internal medicine training and a chief residency at California Pacific Medical Center in San Francisco, CA, USA, and subspecialized in pulmonary/critical care and allergy/immunology at Boston Medical Center in Boston, MA, USA.



### **Zelma Chiesa Fuxench, MD MSCE, IEC Associate**

Zelma Chiesa Fuxench is an assistant professor of dermatology with the Department of Dermatology at the University of Pennsylvania School of Medicine in Philadelphia, PA, USA. She has a special interest in the diagnosis and management of adult patients with moderate-to-severe atopic dermatitis and is spearheading efforts to develop a specialty program focusing on adult patients with this complex disease at the University of Pennsylvania.

Dr. Chiesa Fuxench has received funding through the National Institutes of Health, National Psoriasis Foundation, Women's Dermatological Society, and the Dermatology Foundation. More recently, she was the recipient of a K23 Mentored Patient-Oriented Research Career Development Award to examine FLG pathogenic variants in Hispanic/Latino patients with atopic dermatitis. Dr. Chiesa Fuxench has collaborated with the National Eczema Association and with the Asthma and Allergy Foundation of America and is involved in multiple clinical trials for atopic dermatitis as the principal investigator.



### **Raj Chovatiya, MD PhD MSCI FAAD, IEC Councilor**

Raj Chovatiya is clinical associate professor of medicine at Rosalind Franklin University Chicago Medical School and founder and director of the Center for Medical Dermatology and Immunology Research in Chicago, Illinois, USA. His clinical and research focus includes the intersection of cutaneous immunology and inflammatory disease. He has a particular interest in optimizing patient-centered care; understanding chronic disease burden, especially in understudied inflammatory diseases; exploring health and social disparities; and improving care across diverse skin types. Dr. Chovatiya has published numerous abstracts and manuscripts and has been nationally and internationally recognized for his contributions as a clinician, educator, researcher, and leader.

He received his MD and PhD in immunology from Yale University and completed his residency, postdoctoral research fellowship, and MS in clinical investigation at Northwestern University, where he also served as chief resident.

## PROGRAM FACULTY (CONTINUED)



### Kari Nadeau, MD PhD

Kari Nadeau is the chair of the Department of Environmental Health and the John Rock Professor of Climate and Population Studies at Harvard T.H. Chan School of Public Health in Boston, MA, USA. She practices allergy, asthma, and immunology medicine in children and adults at Beth Israel Deaconess Medical Center's Division of Allergy and Inflammation in Boston. She has published more than 400 papers, many in the field of climate change and health, allergies, and asthma. For more than 30 years, Dr. Nadeau has devoted herself to understanding how environmental and epigenetic factors affect the risk of developing immune dysfunction. Her laboratory has been studying exposomics and solutions-facing research with policy-oriented outcomes to track climate change mitigation and adaptation as these solutions pertain to quantifying health outcomes.

Dr. Nadeau started four biotech companies, works in climate and health inequity, co-started a sustainability seed grant program, and works with the World Health Organization and United Nations on several projects in global health. She works with the Salata Institute at Harvard and oversees the Harvard Center for Climate Health and the Global Environment. She is a member of the U.S. National Academy of Medicine and the U.S. Environmental Protection Agency's Children's Health Protection Committee. She also was appointed as a member of the U.S. Federal Wildfire Commission in 2022.

Dr. Nadeau earned her MD and PhD from Harvard Medical School in 1995, completing her doctoral work in biochemistry and immunology, followed by a pediatric residency, and fellowship in allergy, asthma, and immunology. She joined the faculty of Stanford University in Palo Alto, CA, USA, and was the Naddisy Professor of Medicine and Pediatrics until 2022, when she joined Harvard.



### Wanda Phipatanakul, MD MS

Wanda Phipatanakul is director of the Clinical Research Center at Boston Children's Hospital and professor of pediatrics at Harvard Medical School in Boston, MA, USA. She has dedicated her career to reducing and preventing asthma and allergic diseases.

Dr. Phipatanakul is an elected member of the American Society of Clinical Investigation and the American Association of Physicians honor societies and is ranked in the top 5 for impact among world asthma experts. She has built a deep network of community relationships. She conducts both school- and home-based asthma studies in children and has had continuous NIH funding for 24 years. She leads the NIAID School Inner-City Asthma Intervention Study and the National Heart, Lung, and Blood Institute (NHLBI) Environment Assessment of Sleep in Youth. She is overall principal investigator (PI) for a National Institute of Allergy and Infectious Diseases (NIAID)-funded, nationwide, multicenter asthma prevention study evaluating omalizumab (anti-IgE) in preventing the atopic march and asthma and a NIAID U01 evaluating whether patients carrying a IL4R $\alpha$ R576 gene variant will have a greater response to dupilumab.

Dr. Phipatanakul leads her center as pediatric PI in multiple National Institutes of Health (NIH) asthma and asthma prevention networks, including Precise, the Severe Asthma Research Program, and the Childhood Urban Asthma Network. She leads the Boston Clinical Research Center for the NIAID Atopic Dermatitis network. She has authored more than 450 publications in scientific journals, including *The Journal of the American Medical Association* and the *New England Journal of Medicine*. She also serves the AAAAI and the ABAI in their Board of Directors and is associate editor for *JACI*. She is passionate about mentoring the next generation of investigators and has helped launch the careers of more than 100 trainees, serving as a role model to others balancing work and family.

Originally from St. Louis, Dr. Phipatanakul earned her medical degree from Loma Linda University in Loma Linda, CA, USA, in 1994 and completed her residency in pediatrics at Children's Hospital Los Angeles in Los Angeles, CA, USA, in 1997. After a fellowship in immunology at Johns Hopkins University in Baltimore, MD, USA, in 2000, she joined the faculty in the Division of Immunology and Allergy at Boston Children's and Harvard Medical School, where she has remained for the past 23 years.



### Anne Marie Singh, MD

Anne Marie Singh is a professor of pediatrics and interim division chief of the Division of Allergy, Immunology and Rheumatology—with affiliate appointments in the Departments of Dermatology and Medical Microbiology and Immunology—at the University of Wisconsin School of Medicine and Public Health in Madison, WI, USA. She also is the director of the Food Allergy Research and Education Clinical Research Center of Distinction.

She performs translational and clinical studies focused on pathogenesis of atopic dermatitis and the atopic march.

Dr. Singh received her medical degree in 2002 from Albert Einstein College of Medicine of Yeshiva University in Bronx, NY, USA. Her residency in pediatrics was performed at St. Christopher's Hospital for Children in Philadelphia, PA, USA. She completed a fellowship in allergy and immunology in 2009 at the University of Wisconsin School of Medicine and Public Health.



# JOIN US AS AN IEC MEMBER!

Are you an allergist passionate about advancing eczema care? The International Eczema Council (IEC) invites you to apply for membership to join a global network of leading experts dedicated to improving patient outcomes.

## WHY APPLY TO JOIN THE IEC?

- Collaborate with top professionals in the field across roles, specialties, and borders.
- Access cutting-edge research and resources from the experts advancing the field.
- Promote research, education, and best practices in treatment for atopic dermatitis in people worldwide.

Become part of a community that is transforming the lives of people with atopic dermatitis worldwide. [Learn more and apply for membership.](#)

[\*\*Learn More & Apply Today\*\*](#)



## IEC THANKS OUR CORPORATE SUPPORTERS

The support of our corporate partners makes it possible for the International Eczema Council (IEC) to advance its mission of improving patient care by promoting research, education, and best practices in treatment for atopic dermatitis in people worldwide.

Learn how to join these companies in advancing the IEC mission; visit [eczemacouncil.org/corporate-membership](https://eczemacouncil.org/corporate-membership) and email CEO Alan Stiles at [astiles@eczemacouncil.org](mailto:astiles@eczemacouncil.org).

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# INTERNATIONAL ECZEMA COUNCIL

## ABOUT THE INTERNATIONAL ECZEMA COUNCIL

Founded in late 2014 and led by experts in atopic dermatitis, the International Eczema Council (IEC) is a global nonprofit organization. Dermatologists and allergists from around the globe serve as Councilors and Associates, contributing their expertise to support the IEC's research, programs, events, and education. The IEC has [151 Councilors and Associates in 33 countries](#), and this group continues to grow.

**Mission:** Improve patient care by promoting research, education, and best practices in treatment for atopic dermatitis in people worldwide.

**Vision:** Transforming the lives of people with atopic dermatitis.

### Corporate Support

The support of our corporate partners makes it possible for the International Eczema Council (IEC) to advance its mission of improving patient care by promoting research, education, and best practices in treatment for atopic dermatitis in people worldwide. See who is supporting our mission and how you can join them at [eczemacouncil.org/corporate-membership](https://eczemacouncil.org/corporate-membership).

### Upcoming Symposia

Save the dates to attend IEC symposia in 2025. Go to [EczemaCouncil.org/symposia](https://eczemacouncil.org/symposia) to learn more.

| Date(s)  | In Conjunction With                                    | Location                | Symposium Title  |
|----------|--|-------------------------|--|
| March 6  | American Academy of Dermatology (AAD)                  | Orlando, FL, USA        | <i>Converging Pathways: Atopic Dermatitis and Alopecia Areata</i>  |
| April 7  | World Congress of Pediatric Dermatology (WCPD)         | Buenos Aires, Argentina | <i>Lessons Learned: Practical Strategies for Preventing, Treating, and Managing Atopic Dermatitis in Pediatric Populations</i> |
| May 7    | Society for Investigative Dermatology (SID)            | San Diego, CA, USA      | <i>Practical Applications of Multiomics in Atopic Dermatitis</i>   |
| Sept. 20 | European Academy of Dermatology and Venereology (EADV) | Paris, France           | <i>Atopic Dermatitis and Cutaneous T-Cell Lymphoma</i>   |

[Visit the Symposia Page](#)

## CONNECT WITH THE IEC ON SOCIAL MEDIA!



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