



**3rd Augsburg Symposium**  
**25th – 26th February 2025**

## **Breaking Barriers:**

**The Epithelial Barrier at the Crossroads of Defence  
and Vulnerability in Chronic Inflammatory Diseases**

# **SYMPOSIUM PROGRAM**



# Welcome from Chair of the Symposium

Dear colleagues,  
Dear friends,

Our symposium is focused on the natural protective layers of our bodies that shield us from harmful external influences.

These protective layers, such as the skin, mucosal membranes, and intestinal epithelium, play a central role in our health. Of particular interest is how they interact with the many microorganisms that live on and inside us, working together to regulate inflammation and maintain the body's internal balance.

These protective layers are crucial in many allergic conditions, such as eczema, food allergies, rhinitis, asthma, and even in viral infections.

In this symposium, we will examine the skin in the area of tension between protection and vulnerability in chronic inflammatory diseases.

Internationally networked experts from science and medicine will present the current state of research.

We look forward to your participation!

Yours

Claudia Traidl-Hoffmann



**Andreas Schmid**  
Group

## Faculty

Peter Schmid-Grendelmeier, Switzerland

Marie-Charlotte Brügggen, Switzerland

Roger Lauener, Switzerland

Kilian Eyerich, Germany

## Keynote

Kilian Eyerich, Germany

Carsten Flohr, UK

## Speakers

Alexander Zink, Germany

Jan Gutermuth, Belgium

Joanne Pennock, UK

Johannes Ring, Germany

Marie-Charlotte Brügggen, Switzerland

Martin Steinhoff, Qatar

Michael Schloter, Germany

Mirjam Schenk, Switzerland

Özlem Göksel, Turkey

Peter Schmid-Grendelmeier, Switzerland

Roger Lauener, Switzerland

Robin Rohayem, Germany

Sabine Werner, Switzerland

Stephan Traidl, Germany

Stefanie Eyerich, Germany

Uta Jappe, Germany

# aumüller

# General Information

## Organiser

GEWISA: Freunde und Förderer der  
Gesundheitswissenschaften und Umweltmedizin  
in Augsburg e.V.

c/o Institut für Umweltmedizin und Integrative Gesundheit  
Neusässer Str. 47  
86156 Augsburg

## Symposium Chairman

Prof. Dr. Claudia Traidl-Hoffmann,  
Institute of environmental medicine and integrative health, EMIH

## Venue

westhouse  
Alfred-Nobel-Straße 5-7,  
86156 Augsburg, Germany

## Symposium hours

Tuesday, 25<sup>th</sup> February 2025      12:30 - 22:00  
Wednesday, 26<sup>th</sup> February 2025    08:45 - 17:15

## Contact information

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**E-Mail:** [symposium.umweltmedizin@med-uni-augsburg.de](mailto:symposium.umweltmedizin@med-uni-augsburg.de)

**Website:** <https://gewisa.net/event/symposium/>



# Program overview

Tuesday, 25<sup>th</sup> February 2025

<b>12:00 – 12:30</b>	<b>Registration</b>
<b>12:30 – 12:45</b>	<b>Opening</b> <b>Welcome and setting the stage from conference host:</b> Prof. Dr. Claudia Traidl-Hoffmann and <b>greetings from the patroness:</b> President of University Augsburg, Prof. Sabine Doering-Manteuffel
<b>12:45 – 13:00</b>	<b>Setting the Stage: Prof Claudia Traidl-Hoffmann</b>
<b>13:00 – 13:30</b>	<b>Keynote A: Kilian Eyerich „From Endo/genotype to tailored therapy“</b>
<b>13:30 – 15:00</b>	<b>Session 1: Pathophysiology of atopic dermatitis</b> <b><i>Chair: Matthias Reiger, Martine Grosber</i></b>
13:30 – 13:55	Johannes Ring „The history of atopic eczema“
13:55 – 14:20	Sabine Werner „ Role of the epidermis in the control of skin inflammation“
14:20 – 14:40	Marie-Charlotte Brügggen „Cardiologic and metabolic comorbidities“
14:40 – 15:00	Roger Lauener „Prevention of atopic dermatitis“
15:00 – 15:20	Flash talks on the latest scientific findings
<b>15:20 – 15:40</b>	<b>Coffee Break and Industry Exhibition</b>
<b>15:40 – 17:10</b>	<b>Session 2: Immunity and barrier dysregulation</b> <b><i>Chair: Stefanie Gilles, Martin Steinhoff</i></b>
15:40 – 16:05	Jan Gutermuth „ Autoallergy in atopic and skin diseases“
16:05 – 16:30	Uta Jappe „Lipophilic allergens, different mechanisms of allergen-lipid interaction and their impact on allergic diseases“
16:30 – 16:50	Mirjam Schenk „Discovering novel mechanism of immune regulation in AD using high dimensional data“
16:50 – 17:20	Flash talks on the latest scientific findings
<b>17:20 – 17:30</b>	<b>Refreshment Break and Industry Exhibition</b>
<b>17:30 – 18:30</b>	<b>Poster Session and Industry Exhibition</b>
<b>18:30 – 22:00</b>	<b>Barrier Research Forum with guest lecture by Katja Trippel</b>

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Patienten mit einem BSA bis 40%, Juckreiz-NRS  $\geq 7$  und Läsionen im Kopf- und Halsbereich können besonders von einer Therapie mit Olumiant® profitieren:<sup>+,\*,1,2</sup>

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58%

Behandlung der AD<sup>+</sup> bei Kindern ab 2 Jahren bis hin zu Alopecia areata<sup>°</sup>



AD<sup>+</sup> bei Kindern ab 2 Jahren

<https://e.lilly/3R2VhxX>



Alopecia areata<sup>°</sup>

<https://e.lilly/3yx91KQ>

Zur Fachinformation  
von Olumiant\*



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\*Olumiant\* wird angewendet für Erwachsene und Kinder ab 2 Jahren mit mittelschwerer bis schwerer atopischer Dermatitis, die für eine systemische Therapie infrage kommen.<sup>3</sup> \*Limitationen: post hoc Analyse, begrenzter Studienzeitraum, geringe Patientenzahl. ° Olumiant\* wird angewendet für Erwachsene mit schwerer Alopecia areata.

AD = Atopische Dermatitis; BSA = Body Surface Area; EASI = Eczema Area and Severity Index; EASI75 = Verbesserung des EASI-Scores um mind. 75 % gegenüber dem Ausgangswert; NRS = Numerische Rating-Skala.

1. Thyssen JP et al. Adv Ther. 2023;40(8):3574-3587. 2. Carrascosa JM, et al. Dermatol Ther (Heidelb). 2024;14(6):1561-1573. 3. Aktuelle Olumiant\* Fachinformation.

Christine Kühne – Center for Allergy Research and Education  
Herman-Burchard-Strasse 12  
CH-7265 Davos Wolfgang

### **Christine Kühne – Center for Allergy Research and Education (CK-CARE)**

The Christine Kühne – Center for Allergy Research and Education (CK-CARE) is a leading organization in allergy research, education, and care based in Davos, Switzerland. It fosters innovative, interdisciplinary research aimed at understanding and combating allergic diseases, which have become a growing global health concern. CK-CARE emphasizes translational research, bridging scientific discoveries with clinical applications to improve prevention, diagnosis, and treatment strategies.

The foundation's primary research areas include atopic dermatitis, allergic rhinitis, asthma, and food allergies. By integrating data from environmental, genetic, and immunological studies, CK-CARE works to unravel the complex mechanisms underlying these conditions. Their work is supported by state-of-the-art facilities, including a comprehensive data and biobank that enables robust epidemiological studies. In addition to its research endeavors, CK-CARE is dedicated to advancing education for healthcare professionals. It offers training programs and fosters collaboration among international experts to improve patient care. With its unique focus and location on the Medicine Campus Davos, CK-CARE stands at the forefront of allergy research and education efforts worldwide.



### **Freunde und Förderer der Gesundheitswissenschaften und Umweltmedizin in Augsburg e.V., GEWISA**

c/o Institut für Umweltmedizin und Integrative Gesundheit  
Neusässer Str. 47  
86156 Augsburg

The registered and non-profit association sees itself as a contact point for friends and supporters of health and environmental science research in Augsburg. The aim of the association is to provide funds to promote the relevant research activities in Augsburg and their presence in public.

The organisation's activities include:

- the promotion of projects in the field of health sciences;
- the maintenance and expansion of national and international scientific contacts and relationships;
- supporting the Institute for Environmental Medicine and Integrative Health (EMIH) in its public relations work;
- the establishment and maintenance of a network for alumni of the Institute of Environmental Medicine and Integrative Health (EMIH);
- supporting the Institute of Environmental Medicine and Integrative Health (EMIH) in the organisation of scientific events, such as workshops or the lecture series of the Institute of Environmental Medicine and Integrative Health (EMIH)

## Wednesday, 26<sup>th</sup> February 2025

- 08:45 – 09:00**      **Arrival and welcome back**
- 09:00 – 09:45**      **Keynote B: Carsten Flohr „Skin Barrier Disruption: Gateway to Food Allergies”**
- 09:45– 11:15**      **Session 3: Quality of life and comorbidities**  
*Chair: Nicole Engelbert, Inge Kortekaas*
- 09:45– 10:10      Michael Schloter „Coevolution of *Staphylococcus aureus* with its human host – from commensal bacteria to pathogens”
- 10:10 – 10:35      Özlem Göksel “Resilience of human airway epithelial barrier to atmospheric pollutants”
- 10:35 – 10:55      Stephan Traidl „Viral infections and atopic eczema”
- 10:55 – 11:15      Flash talks on the latest scientific findings
- 11:15 – 11:30**      **Coffee Break and Industry Exhibition**
- 11:30 – 13:00**      **Session 4: Pruritus, Prurigo and Neuroinflammation**  
*Chair: Robin Rohayem, Daria Luschkova*
- 11:30 – 11:55      Stefanie Eyerich „Theragnostik in AD“
- 11:55 – 12:20      Martin Steinhoff „Neuroimmune communication in the skin”
- 12:20 – 12:40      Joanne Pennock „IL-31 and IL-33: The Relentless Cycle of Itch and Flare in Atopic Dermatitis”
- 12:40 – 13:00      Flash talks on the latest scientific findings
- 13:00 – 14:00**      **Lunch**
- 14:00 – 15:00**      **Poster session and industry exhibition**
- 15:00 – 16:30**      **Session 5: Prevention and Education**  
*Chair: Carsten Flohr, Heidrun Behrendt*
- 15:00 – 15:25      Peter Schmid-Grendelmeier „Education as important tool for disease management”
- 15:25 – 15:50      Alexander Zink „Digital advances in dermatology“
- 15:50 – 16:10      Robin Rohayem „The microbial skin barrier and its relevance in sickness and in health”
- 16:10 – 16:30      NIA Health
- 16:30 – 17:00**      **Impulse talks and poster award ceremony sponsored by NIAHealth**
- 17:00 – 17:15**      **Closing remarks: Claudia Traidl-Hoffmann**

A BIG Thank you to all our sponsors for their support!

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