

# Inflammation and immune dysregulation in inborn errors immunity



## 39<sup>th</sup> API ANNUAL MEETING

together with the Annual Meeting of the  
Working Group Pediatric Immunology  
of the German Society of Immunology

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**MAY 4<sup>th</sup> – 6<sup>th</sup> 2023**

KLOSTER BANZ, BAD STAFFELSTEIN

[www.kinderimmunologie.de](http://www.kinderimmunologie.de)

### *Invited Speakers*

Petter Brodin (Stockholm/London)  
Ulrich Baumann (Hannover)  
Stephan Ehl (Freiburg)  
Michael Lenardo (Bethesda)  
Min-Ae Lee-Kirsch (Dresden)  
Jo Spencer (London)  
Holm Uhlig (Oxford)  
Antiigoni Triantafyllopoulou (Berlin)

### *Meeting Chair*

Henner Morbach  
Universitätsklinikum Würzburg

### *Congress Organization*

b4c solutions

## Welcome

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Dear API-members, colleagues and friends,

we are very delighted to invite you to the API annual meeting 2023.

Inborn errors of immunity are genetic disorders with broad clinical manifestation, ranging from susceptibility to infections to significant immune dysregulation. Chronic inflammation is a common paradigm in these diseases, which may result from impaired immune responses to pathogens or elicited as a primary symptom of the disease itself. Chronic inflammation is also the common symptom of many patients with inborn errors of immunity who may be cared for in different subspecialties aside clinical immunology (e.g. rheumatology, gastroenterology, pulmonology etc.). This is why we have chosen “Inflammation and immune dysregulation in inborn errors of immunity” as the main theme for this year’s API meeting.

We have invited distinguished keynote speakers who will present latest findings on immune dysregulation and (auto)inflammation in the context of impaired or disturbed immunity.

As in the past years we are looking forward to your active participation and exciting presentation of your most recent clinical, translational and basic research findings.

We are pleased to welcome you to the beautiful “Kloster Banz” in Bad Staffelstein for an inspiring and interactive 39<sup>th</sup> annual API meeting.

Kind regards,

PD Dr. Henner Morbach

*Meeting Chair*

Prof. Dr. Stephan Ehl

*API Chairman*

## General information

### Date

May 4<sup>th</sup> – 6<sup>th</sup> 2023

### Venue

Bildungszentrum Kloster Banz

Kloster-Banz-Straße

96321 Bad Staffelstein

Germany

### Scientific Society

Arbeitsgemeinschaft Pädiatrische Immunologie (API) e.V.

info@kinderimmunologie.de

www.kinderimmunologie.de

### Scientific Organizers

PD Dr. med. Henner Morbach

Kinderklinik und Poliklinik

Universitätsklinikum Würzburg

### Congress Organization

b4c & solutions

hillers@b4c-solutions.de

www.b4c-solutions.de

### Congress registration

**Deadline: 28.04.2023**

Please use the registration form at the end of this brochure.

### Abstract submission

**Deadline: 31.03.2023**

Submitting an abstract is mandatory if you intend to hold a lecture or case report. Please submit the abstract in English by E-mail to the following address: **api2023@ukw.de**

Please structure your abstract into: "Background, Methods, Results, Conclusions" (max. 250 words)

Lecture: 10 min + 5 min discussion; presentations with more than 10 slides will not be accepted

Case report: 5 min + 5 min discussion; presentations with more than 5 slides will not be accepted

### Congress language

Congress language is English.

## Program

*Thursday, May 4<sup>th</sup>*

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**12:00 – 12:45**      **Registration**

**12:45 – 13:00**      **Welcome address**

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**13:00 – 15:00**      **Session 1: Inflammation I**

*Chairs:*

**13:00 – 13:40**      **JAK/STAT signaling in inborn errors of immunity**

*Stephan Ehl (Freiburg)*

**13:40 – 15:00**      **Selected Abstract**

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**15:00 – 15:30**      **Coffee break**

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**15:30 – 17:30**      **Session 2: Immune dysregulation I**

*Chairs:*

**15:30 – 16:10**      **Gene identification in congenital immune disorders leads to  
precision therapies**

*Michael Lenardo (Bethesda)*

**16:10 – 17:30**      **Selected Abstract**

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**18:00**              **Dinner**

**Friday, May 5<sup>h</sup>**

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**9:00 – 10:30      Session 3:    Immune development**

*Chairs:*

9:00 – 9:40      **Shaping of the immune system by early life determinants**  
*Petter Brodin (Stockholm/London)*

9:40 – 10:30      Selected Abstract

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**10:30 – 11:00      Coffee break**

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**11:00 – 12:30      Session 4:    Mucosal Immunology**

*Chairs:*

11:00 – 11:40      **Human B cells in mucosal space and time**  
*Jo Spencer (London)*

11:40 – 12:30      Selected Abstract

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**12:30 – 13.30      Lunch**

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**13:30 – 15:00      Session 5:    Immune dysregulation II**

*Chairs:*

13:30 – 14:10      **A taxonomy of monogenic inflammatory bowel disease –  
implications for precision medicine**  
*Holm Uhlig (Oxford)*

14:10 – 15:00      Selected Abstract

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**15:00 – 15:30**      **Coffee break**

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**15:30 – 16:45**      **Session 6:    Inflammation II**

*Chairs:*

15:30 – 16:10      **How to manage bronchiectasis and interstitial lung disease in  
inborn errors of immunity**

*Ulrich Baumann (Hannover)*

16:10 – 16:45      Selected abstracts

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**17:00 – 19:00**      **API members' general assembly**

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**19:00**                **Dinner**

## **Saturday, May 9<sup>th</sup>**

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**9:00 – 10:30**      **Session 7: Autoinflammation I**

*Chairs:*

9:00 – 9:40      **Type I-interferonopathies**

*Min Ae Lee-Kirsch (Dresden)*

9:40 – 10:30      Selected Abstract

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**10:30 – 11:00**      **Coffee break**

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**11:00 – 12:30**      **Session 8: Autoinflammation II**

*Chairs:*

11:00 – 11:40      **Macrophage differentiation in chronic inflammatory diseases**

*Antigoni Triantafyllopoulou (Berlin)*

11:40 – 12:30      Selected Abstract

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**12:30 – 12:45**      **Farewell**

## Invited speakers

### **Holm Uhlig**

Translational Gastroenterology Unit and Biomedical Research Centre, University of Oxford;  
Oxford, UK

### **Michael Lenardo**

Molecular Development of the Immune System Section, National Institute of Allergy and  
Infectious Diseases; Bethesda, MD, USA

### **Petter Brodin**

Department of Women`s and Children`s Health, Karolinska Institute; Stockholm, Sweden /  
Department of Immunology and Inflammation, Imperial College London; London, UK

### **Jo Spencer**

Department of Immunobiology; King`s College London;  
London, UK

### **Stephan Ehl**

Centrum für Chronische Immundefizienz, Universitätsklinikum Freiburg;  
Freiburg, Germany

### **Ulrich Baumann**

Klinik für Pädiatrische Pneumologie, Allergologie und Neonatologie, Medizinische  
Hochschule Hannover; Hannover, Germany

### **Min Ae Lee-Kirsch**

Klinik und Poliklinik für Kinder- und Jugendmedizin, Universitätsklinikum Carl Gustav Carus;  
Dresden, Germany

### **Antigoni Triantafyllopoulou**

Medizinische Klinik mit Schwerpunkt Rheumatologie und Klinische Immunologie, Charité;  
Berlin, Germany