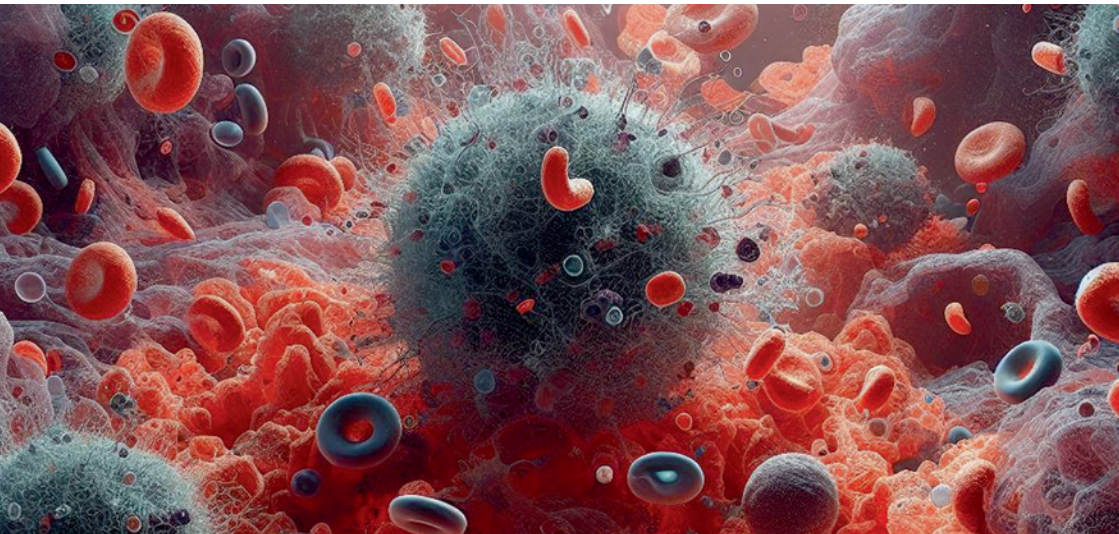


42nd API Annual Meeting

April 16th – 18th 2026
Kloster Banz, Bad Staffelstein

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



Meeting Chairs

Prof. Dr. med. Manfred Hönig
Prof. Dr. med. Ansgar Schulz
University Hospital Ulm

Dear friends and colleagues,

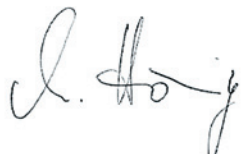
We are pleased to welcome you to the Annual Meeting of the Working Party for Pediatric Immunology (Arbeitsgemeinschaft Pädiatrische Immunologie) with a special focus on Bone Marrow failure (BMF) syndromes and Inborn Errors of Immunity (IEIs) which are often found in close relationship.

The International Union of Immunological Societies (IUIS) pays tribute to this pathogenetic overlap by the inclusion of such entities as e.g. Osteopetrosis and Fanconi anemia in its most recent classification.

Beyond that we look forward to welcoming distinguished speakers, who will report on their efforts to uncover complex interactions in cellular and immunological pathways by “omics” strategies as genomics, proteomics, metabolomics and epigenetics.

For the success of the meeting your contributions will be essential and we strongly encourage you to play an active role and have vivid discussions and to foster our scientific network for the benefit of our patients.

Yours,



Prof. Dr. Manfred Höning
Meeting Chair



Prof. Dr. Ansgar Schulz
Meeting Chair



Prof. Dr. Catharina Schütz
Meeting Chair

Organizing Team:

PD Dr. Kerstin Felgentreff, Dr. Eva-Maria Jacobsen, PD Dr. Aleš Janda, Prof. Dr. Ulrich Pannicke, Dr. Klaus Schwarz

Date

April, 16th – 18th 2026

Venue

Bildungszentrum Kloster Banz
Hanns-Seidel-Stiftung
Kloster Banz 1
D-96231 Bad Staffelstein

Scientific Society

Arbeitsgemeinschaft
Pädiatrische Immunologie (API) e.V.
info@kinderimmunologie.de
www.kinderimmunologie.de

Scientific Organizers

Prof. Dr. med. Manfred Höning
Prof. Dr. med. Ansgar Schulz
University Hospital Ulm

Congress Organization

b4c & solutions GmbH
Annabell Hillers
hillers@b4c-solutions.de

Organizing Team

PD Dr. Kerstin Felgentreff
Dr. Eva-Maria Jacobsen
PD Dr. Aleš Janda
Prof. Dr. Ulrich Pannicke
Dr. Klaus Schwarz

Congress registration

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

Abstract submission

Deadline: 10.02.2026

Submitting an abstract is mandatory if you intend to hold a lecture or case report. Please submit your abstract in English exclusively online via the following link:

<https://express.converia.de/frontend/index.php?sub=2009>

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

Lecture: 12 min + 3 min discussion;
Case report: 7 min + 3 min discussion.

Congress language

Congress language is English.

MEETING SPONSORED BY



Thursday, April 16th

08:00 – 10:00 Board Meeting

08:30 – 12:00 Educational Workshop

Timmy Strauß (Dresden) und Julia Körholz (Dresden)

10:30 – 12:00 Meeting Newborn-Screening

11:30 – 12:50 Registration/Welcome snack & coffee

12:50 – 13:00 Welcome Note

Manfred Hönig & Ansgar Schulz

13:00 – 14:50 Session 1: Bone Marrow Failure and IEIs

Chairs: Ulrich Baumann (Hannover) und Sarah Basali (Ulm)

13:00 – 13:25 New developments in bone marrow failure syndromes

Miriam Erlacher, Ulm (20+5)

13:25 – 13:40 Telomere biology disorders and immunodeficiency

Niewisch Marena, Ulm (12+3)

13:40 – 13:50 Transfusion-dependent anemia in early infancy – is it all just CMV?

Meinhardt Andrea, Bonn (7+3) Abs. 20

13:50 – 14:05 Investigating the role of a ribosome biogenesis factor in a DBA-like congenital bone marrow failure syndrome

Miao Yirun, Vienna (12+3) Abs. 22

14:05 – 14:20 mRNA-Based Reprogramming of Fibroblasts into Induced Pluripotent Stem Cells (iPSCs) as an In Vitro Disease Model for Leukocyte Adhesion Deficiency Type I (LAD I)

Hoffmann Celina, Frankfurt (12+3) Abs. 8

14:20 – 14:35 Impact and perspectives of registry-based research in inborn errors of immunity/primary immune disorders: Insights from the ESID Registry of 36,681 patients

Seidel Markus, Graz (12+3) Abs. 27

Thursday, April 16th

14:35 – 15:05 Coffee break + POSTER WALK

Poster 01: Perinatal Inflammasome activation – Analyzing Inflammasome activity using a whole blood assay
Siedel Hannah, Dresden (3 min.)

Poster 04: Unusual presentation of STING-associated vasculopathy with onset in infancy (SAVI) and clinical course under anifrolumab therapy

Fecker Gisela, Erlangen (3 min.)

Poster 12: Chronic Fatigue and Psychiatric Manifestations as presenting manifestation of A20 Haploinsufficiency

Böhm Svea, Freiburg i.Br. (3 min.)

Poster 17: Two Patients with Trisomy 8-Associated Autoinflammatory Disease (TRIAD) Presenting with Recurrent Ulcerations and Macrocytosis

Fischer Jonas, Würzburg (3 min.)

15:05 – 17:10 Session 2: Syndromic IEIs

Chairs: Carsten Speckmann (Freiburg) and Timmy Strauss (Dresden)

15:05 – 15:35 Trajectories of human B cell development and abnormalities in IEI patients

Tomaš Kalina, Prague (23+7)

15:35 – 15:45 A new inborn error of immunity with syndromic features: KAT6B spectrum disorder

Strauss Timmy, Dresden (7+3) Abs. 31

15:45 – 15:55 Non-switched memory B cells as marker of splenic function and correlations with markers of splenic filtration capacity in 109 pediatric patients with HbSS and HbSC sickle cell disease

Lehmberg Kai, Hamburg (7+3) Abs. 16

15:55 – 16:05 Syndromic or not syndromic? Evidence for a blended phenotype in siblings with prolidase-deficiency presenting as syndromic disease rather than immunodeficiency

Hüffmeier Ulrike, Erlangen (7+3) Abs. 10

Thursday, April 16th

- 16:05 – 16:20 Phenotypic spectrum of RNU4ATAC-related spliceosomopathies: shared and divergent features in 98 patients including four novel cases
Sogkas Georgios, Hannover (12+3) Abs. 28
- 16:20 – 16:30 Expanding the Immunological Spectrum of RNU4ATAC-opathy
Graafen Lea, Düsseldorf (7+3) Abs. 7
- 16:30 – 16:40 Facial Phenotype recognition by GestaltMatcher in patients with Inborn Errors of Immunity (IEI)
Niehues Tim, Krefeld (7+3) Abs. 24
- 16:40 – 16:50 Comprehensive Interdisciplinary Care for Syndromal Immunological Disorders within the Vienna Comprehensive Center for Inflammation and Immunity/CCII
Temmel Emilia, Vienna (7+3) Abs. 32
- 16:50 – 17:05 XPOT Deficiency: A Novel Syndromic Disorder with Increased Infection Susceptibility
Von Hardenberg Sandra, Hannover (12+3) Abs. 36

17:05 – 17:15 Break

- 17:15 – 17:55 IKAROS-associated diseases:
Where the 1 gene / 1 protein / 1 disease dogma is laid to rest
Keynote speaker: Sergio Rosenzweig, Bethesda, USA (30+10)**

18:00 – 19:00 POSTER WALK

- Poster 02: Recurrent Infections and Immune Dysfunction in a Child with syndromic features
Gerisch Marie, Leipzig (3 min.)
- Poster 11: Characterization of Human NK Cell Maturation using Spectral Flow Cytometry
Böhm Georg, Ulm (3 min.)

Thursday, April 16th

Poster 14: Mechanistic insights into CHH-AD spectrum pathology from cell models carrying homozygous variants in RMRP and POP1
Braun Christian Karl, Ulm (3 min.)

Poster 15: A case of lymphoproliferation in the form of isolated massive splenomegaly in 22q11.2 Deletion Syndrome
Goertz Christine, Düsseldorf (3 min.)

Poster 16: Hypomorphic pathogenic variant in IL2RG causes TlowB+NK+ combined immunodeficiency in a 7-year-old boy
Augustin Stine, Berlin (3 min.)

Poster 18: Phenocopy of selective IgA deficiency as a secondary immunodeficiency after preterm birth
Dirks Johannes, Würzburg (3 min.)

Poster 19: Ruxolitinib in Pediatric Type I Interferonopathies: A Single-Center Case Series of Aicardi–Goutières Syndrome and SPENCDI
Dunst Franziska, Leipzig (3 min.)

Poster 20: Pentaglobin as a Dual Axis Immunomodulator in HLH/MAS: A Mechanistic Hypothesis Based on IgM Mediated T Cell Control and AIM/CD5L Driven Macrophage Reprogramming
Bosch dos Santos Ulrich, Bochum (3 min.)

Poster 21: A Single-cell Atlas unveils Key Immune Regulators in Pediatric Patients with Syndromes of Undifferentiated Fever (SURF)
Schütz Catharina, Dresden (3 min.)

Poster 22: Allogenic Hematopoietic Stem Cell Transplantation as therapeutic option for patients with M. Bruton
Prinz Henriette, Ulm (3 min.)

Poster 24: Second case of successful ruxolitinib treatment of Omenn phenotype/maternal-engraftment-overlap in a newborn with Artemis-SCID
Lanz Anna-Lisa, München (3 min.)

19:00**Dinner**

Friday, April 17th

- 08:30 – 10:30 Session 3: Expanding the genetic landscape of primary immunodeficiencies**
Chairs: Despina Moshous (Paris) and Lina Igel (Krefeld)
- 08:30 – 09:00 Somatic Mutations Broadening Immuno-Haematological Phenotypes**
Despina Moshous, Paris (23+7)
- 09:00 – 09:15 Proteasome Variants in (Severe) Combined Immunodeficiency.
Fabrizio Leone; Paris (12+3)
- 09:15 – 09:25 When HSCT Is Not Curative: PSMB10 Mutation Causing SCID With Secondary Graft Failure
Igel Lina, Krefeld (7+3) Abs. 11
- 09:25 – 09:35 Radiosensitive Combined Immunodeficiency Masquerading as Selective IgA Deficiency
Hohmann Tamara, Leipzig (7+3) Abs. 9
- 09:35 – 09:45 TCR $\gamma\delta$ cell-specific STAT5 gain of function alters the differentiation program and induces a druggable chronic human immune-dysregulation
Recher Mike, Basel (7+3) Abs. 26
- 09:45 – 10:00 An in situ approach to understanding induction and function of FAS-controlled T cells
Maccari Maria Elena, Freiburg (12+3) Abs. 18
- 10:00 – 10:15 Real-World Performance of a VSV-GFP Monocyte Assay in Routine Diagnostics of Type I Interferon Pathway Defects
Wittner Jens, Freiburg (12+3) Abs. 38
- 10:15 – 10:30 Conditioning for second HSCT from the same donor after myeloid autologous reconstitution in patients with IEI and Thalassemia: immunosuppression is not always required
Basali Sarah Maria, Ulm (12+3) Abs. 1

Friday, April 17th

- 10:30 – 11:00 Coffee break + POSTER WALK**
- Poster 05: Ataxia–Telangiectasia Presenting with Chronic Cough and Failure to Thrive: A Pediatric Case Report
Akarsu Aysegül, Starnberg (3 min.)
- Poster 09: Long Read Sequencing Improves Genetic Diagnostics in NCF1-Associated Chronic Granulomatous Disease
Steinemann Doris, Hannover (3 min.)
- Poster 10: Highly Variable Granulocyte Function in a Heterozygote Carrier of X-linked Chronic Granulomatous Disease
Umland Melina, Hannover (3 min.)
- Poster 23: From Rare to Common – defining Endotypes of Allergies and Autoinflammatory Disorders
Braun Christian Karl, Ulm (3 min.)
-
- 11:00 – 12:30 Session 4: Gene Therapy and novel approaches in HSCT**
Chairs: Shahrzad Bakhtiar (Frankfurt) and Christian Braun (Ulm)
- 11:00 – 11:30 Update on Clinical Gene Therapy Trial for p47 CGD**
Janine Reichenbach (25+5)
- 11:30 – 11:40 Fosmanogepix salvage for pre-existing (proven pulmonary/probable cerebral) aspergillosis and de novo cerebral *Aureobasidium pullulans* coinfection following successful HSCT in a child with CGD
Turul Özgür Tuba, Krefeld (7+3) Abs. 34
- 11:40 – 11:50 ADA-SCID – Long term outcome after gene therapy or: if gene therapy is not the final solution
Meinhardt Andrea, Bonn (7+3) Abs. 21
- 11:50 – 12:00 The Sooner, the Better? Outcomes of CGD diagnosed through positive family history
Staudacher Olga, Berlin (7+3) Abs. 30

Friday, April 17th**12:00 – 15:00 Session 5: „Omics and beyond“, BIG DATA in Immunology***Chairs: Klaus Schwarz (Ulm) and Theresa Füller (Frankfurt)***12:00 – 12:30 Immunometabolic and Epigenetic Mechanisms in Innate Immune Memory***Triantafyllos Chavakis, Dresden (23+7)***12:30 – 13:30 Lunch****14:15 – 14:45 Proteomics***Johannes Müller-Reif, Munich (23+7)***14:45 – 15:00 The Use of Multiproteomics in a Disease Model of Complex Immune Dysregulation: Challenges and Pitfalls***Füller Theresa, Frankfurt (12+3) Abs. 6***15:00 – 15:30 Coffee break + POSTER WALK**

Poster 03: A monoallelic STAT3 splice-donor variant drives a hybrid phenotype with immune dysregulation and features of Hyper-IgE syndrome

Nieke Jan, München (3 min.)

Poster 07: A Diagnostic Chameleon: Scabies Crustosa Masking STAT3-Deficient Hyper-IgE Syndrome

Frühwirth Jennifer, Wien (3 min.)

Poster 08: A novel heterozygous AIRE variant p.(Cys322Arg) identified in a Swiss family with clinical features of APECED

Chan Pik Ki, Zürich (3 min.)

Poster 13: Biallelic RNU4ATAC Variants as an Inborn Error of Immunity Underlying Non-Cystic Fibrosis Bronchiectasis

*Landwehr-Kenzel Sybille, Hannover (3 min.)*Friday, April 17th**15:30 – 17:00 Session 6: Free Lectures***Chairs: Kai Lehmborg (Hamburg) and Svea Böhm (Freiburg)***15:30 – 16:00 DNA methylation profiling of normal and neoplastic B- and T-cells***Reiner Siebert, Ulm (23+7)***16:00 – 16:15 Digenic and Multigenic Heterozygous FHL Genotypes Are Common but Clinically Silent in the General Population***Wegehaupt Oliver, Freiburg (12+3) Abs. 37***16:15 – 16:25 IFNAR1 blockade with anifrolumab in an infant with Type I interferonopathy SAVI-associated interstitial lung disease: rapid CD169 suppression and striking clinical recovery after inadequate control on ruxolitinib***Klemann Christian, Leipzig (7+3) Abs. 12***16:25 – 16:40 Guidance on JAK inhibitor treatment for inborn errors of JAK-STAT signaling. An international consensus statement.***Speckmann Carsten, Freiburg (12+3) Abs. 29***16:40 – 16:55 Human germline biallelic loss-of-function OSMR variants cause severe allergic disease***Körholz Julia, Vancouver (12+3) Abs. 13***16:55 – 17:10 An inborn error of immunity caused by loss of function of the SENP7 SUMO protease***Bhattacharjee Swagato, Dresden (12+3) Abs. 2***17:10 – 17:25 Beyond APECED: Immune dysregulation associated with dominant-negative heterozygous AIRE mutations***Thoma Katharina Helene, Hamburg (12+3) Abs. 33***17:25 – 17:35 Classical Pathway Complement Defects and Pediatric Rheumatic Disease: A 3-Patient Case Series Linking C2/C4 Genotypes to Skewed B-Cell Memory Formation***Braun Christian Karl, Ulm (7+3) Abs. 4*

Friday, April 17th

- 17:35 – 17:45** **Walter-Hitzig-Preis**
Kaan Boztug (Bonn) and Catharina Schütz (Dresden)
- 17:45 – 19:30** **General assembly (API Members only)**
AKPI Frühjahrstreffen/ Spring meeting

Saturday, April 18th

- 08:30 – 10:30** **Session 7: Osteopetrosis**
Chairs: Sujal Ghosh (Düsseldorf) and Julia Körholz (Dresden)
- 08:30 – 08:45 Introduction: Osteopetrosis – an immunological disease?
Schulz Ansgar, Ulm (12+3)
- 08:45 – 08:55 HSCT for Craniometaphyseal dysplasia due to ANKH mutation
Moshous Despina, Paris (7+3)
- 08:55 – 09:05 Gene Therapy for Osteopetrosis due to CLCN7 mutations – non-viral approaches.
Gajewski Dario, Göttingen (7+3) Abs. 39
- 09:05 – 09:30 Gene Therapy for Osteopetrosis due to TCIRG1 mutation – a clinical study
Villa Anna, Milan (20+5)
- 09:30 – 09:45 Human CD48 S220 variants presenting with Immunodeficiency and Hyperinflammation
Pachlopnik Schmid Jana, Zurich (12+3) Abs. 25
- 09:45 – 10:00 Retrospective comparative analysis of Leniolisib and Rapamycin in Activated-PI3KinaseDelta-syndrome
Maccari Maria Elena, Freiburg (12+3) Abs. 19
- 10:00 – 10:15 Reliable EBER Flow-FISH analysis for cell-type specific detection of EBV in patients with EBV HLH or suspected chronic active EBV infection
Lichtenfeld Helena, Hamburg (12+3) Abs. 17
- 10:15 – 10:30 When Germinal Centers Go Off-Track: From Benign Progressive Transformation of Germinal Centers (PTGC) to Malignant Lymphadenopathy
Landwehr-Kenzel Sybille, Hannover (12+3) Abs. 14

19:30 **Dinner & Get-together**

10:30 – 11:00 **Coffee break**

Saturday, April 18th

- 11:00 – 12:30** **Session 8: (S)CID**
Chairs: Tim Niehues (Krefeld) and Sarah Dinges (Berlin)
- 11:00 – 11:30** **Point mutations in IRF4 – lessons from PID and GC-derived malignancy**
Anselm Enders, Canberra, Australia (23+7)
- 11:30 – 11:40 Use of Artificial Thymic Organoids (ATOs) to distinguish between hematopoietic intrinsic and extrinsic defects as the cause of severe T-cell lymphopenia
Dinges Sarah, Berlin (7+3) Abs. 5
- 11:40 – 11:55 Clinical management of STAT3 hyper IgE syndrome: a practice oriented expert consensus
Murray Cliodhna, Freiburg (12+3) Abs. 23
- 11:55 – 12:05 Primary impaired mucus clearance in STAT3 hyper-IgE syndrome
Birk Christian, Munich (7+3) Abs. 3
- 12:05 – 12:20 Single Center Observation on Clinical Presentation, Transplantation and Outcome of seven patients with ZAP-70 deficiency
Maier Felix, Ulm (12+3) Abs. 15
- 12:20 – 12:30 Bronchiectasis and chronic active EBV (CAEBV) as first signs of IRF8-deficiency
Völler Mirjam, Berlin (7+3) Abs. 35

12:30 – 13:00 **Next API Awards**
Closing remarks

13:00 **Farewell Lunch**

International invited speakers:

Tomaš Kalina
Department of Pediatric Hematology and Oncology,
Charles University in Prague,
2nd Faculty of Medicine,
Czech Republic

Anselm Enders
The John Curtin School of
Medical Research,
ANU College of Science and Medicine,
Australian National University,
Canberra, Australia

Sergio Rosenzweig
Immunology Service,
Department of Laboratory Medicine,
National Institutes of Health Clinical
Center,
Bethesda, MD, USA

Despina Moshous
Hôpital universitaire Necker-Enfants
malades:
Paris, Île-de-France, France

Anna Villa
IRCCS Ospedale Sa Raffaele,
Via Olgettina Milano 60,
20132 Milano, Italy

Local invited speakers:

Triantafyllos Chavakis
Institute for Clinical Chemistry and
Laboratory Medicine,
Faculty of Medicine,
Technische Universität Dresden,
Dresden, Germany

Johannes Müller-Reif
Dept. of Proteomics and
Signal Transduction,
Max Planck Institute of Biochemistry,
Munich, Germany

Reiner Siebert
Institute of Human Genetics,
Ulm University &
Ulm University Medical Center,
Ulm, Germany

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Grifols Deutschland GmbH , Frankfurt a.M.	6.800,00 €
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Neovii Biotech GmbH , Gräfelfing	1.200,00 €
Octapharma GmbH , Langenfeld	4.600,00 €
OMT GmbH & Co. KG optimal medical therapies , Minden	2.400,00 €
Pharming Technologies B.V. , Leiden (NL)	6.800,00 €
Takeda Pharma Vertrieb GmbH & Co. KG , Berlin	6.800,00 €
UBC Pharma GmbH , Monheim a.R.	2.400,00 €

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