

1<sup>st</sup> of September 2024

9:00 am to 12:15 am

Ladies and Gentlemen,

The German Society for Immunology (DGFI) Working Group for Clinical Immunology (AKKI) holds its annual meeting 2024 as part of the 7<sup>th</sup> European Congress of Immunology, which takes place in Dublin from September 1<sup>st</sup> to 4<sup>th</sup> 2024.

On the one hand, this orientation of the AKKI annual meeting takes into account the increasing importance of clinical immunology for scientific immunology. This is because the interest of scientific immunology in clinical immunology has grown, since basic research on human samples due to new analysis technologies now is leading to fascinating insights into human immunology. On the other hand, the interest of therapeutic medicine and clinical immunology into scientific immunology has grown, since new therapeutic options such as small molecules, monoclonal antibodies and CAR-T cells are available. Thus, immune-mediated diseases can be treated, but also numerous immunological main and side effects occur that warrant further research.

We are proud to present Gunther Hartmann and Carsten Speckmann as keynote speakers.

We encouraged all clinical immunologists, translational, and basic science immunologists to submit their abstracts to [fabian.hauck@med.uni-muenchen.de](mailto:fabian.hauck@med.uni-muenchen.de) and [ricardo.grieshaber@fau.de](mailto:ricardo.grieshaber@fau.de). Abstract deadline was 30<sup>th</sup> of July 2023. The five best abstracts have been selected for oral presentation.

Please find below the final program:

9:00 – 9:15	“Welcome address and opening remarks”, Fabian Hauck, spokesperson AKKI, Department of Pediatrics, Dr. von Hauner Children’s Hospital, University Hospital, Ludwig-Maximilians-Universität, Munich, Germany.
9:15 – 10:00	“Jochen Kalden-Homage and Lecture – Nucleic acid immunity and its relevance for clinical immunology”, Gunther Hartmann, Institute for Clinical Chemistry and Clinical Pharmacology, University Hospital Bonn, Bonn, Germany.
10:00 - 10:15	“Identification of patients at risk for a systemic inflammatory response syndrome (SIRS)”, Susanne V. Schmidt, Institute for Clinical Chemistry and Clinical Pharmacology, University Hospital Bonn, Bonn, Germany.
10:15 – 10:30	“Comprehensive single-cell profiling reveals alterations in peripheral immune cells during Alzheimer’s Disease progression”, Marc Beyer, Systems Medicine, German Center for Neurodegenerative Diseases (DZNE), Bonn, Germany.
10:30 – 11:00	Coffee break
11:00 – 11:30	“JAK inhibitor treatment for inborn errors of JAK/STAT-signaling”, Carsten Speckmann, Freiburg, Center for Pediatrics and Adolescent Medicine, Department of Pediatric Hematology and Oncology, Faculty of Medicine, Medical Center, University of Freiburg, Germany.

- 11:30 – 11:45 “The life-saving benefit of dexamethasone in severe COVID-19 is linked to a reversal of monocyte dysregulation”, Anna C. Aschenbrenner, Systems Medicine, Deutsches Zentrum für Neurodegenerative Erkrankungen (DZNE), Bonn, Germany.
- 11:45 – 12:00 “FAS-controlled T-cells differentiate from normally selected naïve T-cells with a TCR-intrinsic fate bias”, Christoph König, Institute for Immunodeficiency, Center for Chronic Immunodeficiency (CCI), Medical Center – University of Freiburg, Faculty of Medicine, University of Freiburg, Germany.
- 12:00 – 12:15 “Metabolic shift of human (super)antigen-induced T cells in an ex vivo lymphoid cell culture based on tonsils”, Christopher Neullens, Clinic for Pediatric and Adolescent Medicine, RWTH Aachen University Hospital, Aachen, Germany.

Fabian Hauck, MD, PhD

Spokesperson AKKI

Ricardo Grieshaber-Bouyer, MD

Deputy Spokesperson AKKI