

### WEDNESDAY 9 APRIL 2025

12.00-13.00 Arrival, lunch

13.00-13.30 Welcome and introduction (**Philipp Henneke & Markus Sperandio**)

13.30-15.15 **Session 1: Immunity at the materno-fetal interface (Chairs: Roland Immler & Katrin Kierdorf)**

**Petra Arck** (Hamburg) *Modulation of early life immunity by vertical transfer of maternal immune markers during pregnancy*

**Nardhy Gomez-Lopez** (St Louis) *In utero sterile inflammation: How it shapes the offspring's immune system and prevention strategies*

**Markus Sperandio** (Munich) *Title TBC*

Plus 2 selected talks

15.15-15.45 Coffee break

15.45-17.40 **Session 2: From progenitors to mature immune cells (Chairs: Yuval Rinkevich & Christian Schulz)**

**Elisa Gomez Perdiguero** (Paris) *Title TBC*

**Claudia Waskow** (Jena) *The role of embryonic macrophages in the formation of a bone marrow niche key for the establishment of a hematopoietic stem cell pool*

**Marco Prinz** (Freiburg) *Title TBC*

Plus 2 selected talks

17.40-18.00 Short break

18.00-21.00 **Poster evening** with dinner

### THURSDAY 10 APRIL 2025

8.30-10.30 **Session 3: Ontogeny of macrophages and DC (Chairs: Barbara Schraml & Marco Prinz)**

**Guy Boeckxstaens** (Leuven) *How resident macrophages shape and maintain the enteric nervous system*

**Steffen Jung** (Rehovot) *Title TBC*

**Barbara Schraml** (Munich) *Title TBC*

Plus 2 selected talks

10.30-10.55 Coffee break

10.55-12.55 **Session 4: Maternal cues in early immune development (Chairs: Zsolt Ruzsics & Dorothee Viemann)**

**Melanie Greter** (Zürich) *Title TBC*

**Lindsay Hall** (Birmingham) *Pregnancy and early life microbiota and host interactions*

**Roland Immler** (Munich) *Title TBC*

Plus 2 selected talks

12.55-14.25 **Lunch Podium session with Editors (Chairs: Carsten Marr, Hamsa Narasimhan & Clarissa Döring)**

14.25-16.25 **Session 5: Prenatal immune development (Chairs: Sebastian Preissl & Sarah Kim-Hellmuth)**

**Muzlifah Haniffa** (Newcastle) *The human prenatal immune system*

**Florent Ginhoux** (Paris/ Singapore) *Interplay between the human fetal immune system and microbes*

**Yuval Rinkevich** (Beijing) *Title TBC*

Plus 2 selected talks

16.25-17.55 Coffee break and Posters

17.55-19.35 **Session 6: Immunity of the respiratory tract (Chairs: Dunja Bruder & Anne Hilgendorff)**

**Galit Alter** (Cambridge) *Title TBC*

**Debby Bogaert** (Edinburgh) *Title TBC*

**Dorothee Viemann** (Würzburg) *Title TBC*

Plus 2 selected talks

**FRIDAY 11 APRIL 2025**

8.30-10.30 **Session 7: Development of Adaptive Immunity (Chairs: Jochen Hühn & Sagar)**

**Thomas Boehm** (Freiburg) *Evolutionary trajectory of vertebrate immunity*  
**Deena Gibbons** (London) *Unique features of adaptive immune cells in human neonates*  
**Natalia Torow** (Braunschweig) *Title TBC*  
Plus 2 selected talks

10.30-10.55 Coffee break

10.55-12.55 **Session 8: Early life intestinal Immunity (Chairs: Natalia Torov & Daniel Erny)**

**Eran Elinav** (Tel Aviv) *Title TBC*  
**Dave Hackam** (Baltimore) *Early life risk factors in the pathogenesis of necrotizing enterocolitis, and the discovery of novel therapies*  
**Mathias Hornef** (Aachen) *Title TBC*  
Plus 2 selected talks

12.55-14.10 Lunch

14.10-16.10 **Session 9: Development and adaptation of myeloid cells (Chairs: Claudia Nussbaum & Julia Kolter)**

**Paul Kubes** (Calgary) *A key role for Kupffer cells in early life intravascular infections*  
**Taco Kuijpers** (Amsterdam) *Title TBC*  
**Christoph Scheiermann** (Munich) *Title TBC*  
Plus 2 selected talks

16.10-17.30 Coffee break and Posters

17.30-19.10 **Session 10: Perinatal immune adaptation to pathogens (Chairs: Mathias Hornef & Konstantin Stark)**

**Chiara Romagnani** (Berlin) *Dynamics and mechanisms of innate clonality*  
**Petter Brodin** (Stockholm) *Immune-microbe interactions during the first weeks of life in humans*  
**Philipp Henneke** (Freiburg) *Title TBC*  
Plus 2 selected talks

19.30 onwards **Social Evening & Prize Ceremony** (Wodan Halle)

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**SATURDAY 12 APRIL 2025**

8.30-10.30 **Session 11: Development of microbiome and metabolism (Chairs: Tom Clavel & Michele Proietti)**

**Christoph Härtel** (Würzburg) *The role of probiotics in the microbial cloud of preterm babies*  
**Gabriel Nunez** (Ann Arbor) *Title TBC*  
**Julia Kolter** (Freiburg) *Title TBC*  
Plus 2 selected talks

10.30-10.55 Coffee break

10.55-12.55 **Session 12: Microbiome and barrier immunity (Rosshart/Scheiermann)**

**Christoph Thaiss** (Philadelphia) *Title TBC*  
**Kathy McCoy** (Calgary) *Title TBC*  
**Katrin Kierdorf** (Freiburg) *Title TBC*  
Plus 2 selected talks

12.55-13.10 Closing remarks

From 13.30 Departure, lunch boxes or finger food

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