

May 31 - June 3  
**2026**  
Hamburg

# Tissue-Immune Interactions in Inflammatory Diseases Program



# Sunday, May 31, 2026

From 12:30 Registration and check-in at the Elsa-Brändström Conference Center

## Opening

15:00-15:30 **Eckart D. Gundelfinger / Dietmar Richter**  
(Chair persons of the Blankenese Conferences)

**Blanche Schwappach-Pignataro**  
(Dean of the University Medical Center Hamburg-Eppendorf and Member of the Board of Trustees, JUNG-Stiftung)

15:30-16:10 **Jung Lecture 1: Jens Brüning (Köln)**

CNS-control of metabolism



**Session 1** Cross-System Regulation of Immunity

Chair: Samuel Huber

16:10-16:40 **Wolfgang Kastentmüller (Würzburg)**

How CD8 T cells are instructed to become exhausted



16:40-17:00 **Sina Rosenkranz (Hamburg)**

Exercise as a potential disease-modifying strategy in multiple sclerosis

17:00-17:30 *Coffee Break*

17:30-18:00 **Gabriel Núñez (Ann Arbor)**

Microbiota-host interactions in health and disease

18:00-18:30 **Daniel Mucida (New York)**

Neuro-epithelial-immune interactions in type 2 immunity

18:30-19:00 **Welcome Reception**

19:00 **Dinner**

# Monday, June 1, 2026

**Session 2** Cellular Plasticity and Tissue Regeneration in Inflammation

Chair: Manuel Frieze

9:00-9:20 **Fatemeh Rangani (Stockholm)**

Genetic architecture of neurodegeneration in CNS inflammation: Lessons from late-onset multiple sclerosis GWAS.

9:20-09:50 **Arthur Liesz (München)**

Microglia in chronic neuroinflammation after stroke

09:50-10:20 3x 10 min poster talk (selected from abstracts)

10:20-12:00 **Poster Session 1**

*Coffee will be served at the posters*

12:00-12:40 **Jung Lecture 2: Hans Clevers (Utrecht)**

Lgr5+ stem cell-based organoids model human disease in 3D and in 2D



**12:40-14:00 Lunch**

**Session 3** Innate Tissue Immunosurveillance

Chair: Tim Magnus

14:00-14:30 **Lidia Bosurgi (Hamburg)**

Harnessing macrophage efferocytosis to promote tissue repair and remodelling

14:30-14:50 **Martin Kerschensteiner (München)**

Regulation of myeloid cell states in CNS inflammation

14:50-15:20 **Andreas Diefenbach (Berlin)**

Living in tissues: Innate immune system components control tissue adaptation

*15:20-15:50 Coffee Break*

**Session 4** Tissue Immunity: From Development to Disease

Chair: Lidia Bosurgi

15:50-16:20 **Elvira Mass (Bonn)**

Hidden in plain sight: how microplastics cause macrophage dysfunction and metabolic disease



16:20-16:50 **Leila Akkari (Amsterdam)**

From diversity to dependency: plasticity and state evolution of myeloid cells in cancer

16:50-17:10 **Christine Stadelmann-Nessler (Göttingen) & Markus Glatzel (Hamburg)**

Viral-induced and autoimmune inflammation in CNS diseases

17:10-17:30 **Nicola Tomas (Hamburg)**

CD39-targeted plasma cell depletion or the treatment of antibody-mediated autoimmune disease

**18:00 Dinner**

**19:30 Guided Tour through Blankenese with Samuel Huber**

**Tuesday, June 2, 2026**

**Session 5** Immune Memory, Viral Triggers, and Autoimmunity

Chair: Catherine Meyer-Schwesinger

9:00-9:30 **David Masopust (Minneapolis)**

Memory CD8 T Cells: Quantity, quality & location

9:30-10:00 **Tobias Lanz (Stanford)**

Molecular mechanisms that explain the link between Epstein Barr virus and autoimmunity

10:00-10:30 3x 10 min poster talk (selected from abstracts)

10:30-12:00 **Poster Session 2**  
*Coffee will be served at the posters*

**Session 6** Immune Surveillance and Neuroinflammation  
Chair: Jan Broder Engler

12:00-12:30 **Stefano Pluchino (Cambridge)**  
Advanced stem cell technologies for MS  
research and cures

12:30-13:00 **Anne-Katrin Pröbstel (Bonn)**  
Microbiota-immune interaction in  
neuroinflammation

13:00-13:20 **Michael Kreuz (Magdeburg)**  
PRR7 as synaptic gatekeeper during  
neuroinflammation

**13:20-14:30 Lunch**

**Session 7** Mechanisms of Tissue Adaptation and Resilience  
Chair: Madeleine Bunders

14:30-15:00 **Miguel Soares (Lisbon)**  
Metabolic adaptation as a defense strategy  
against infection

15:00-15:20 **Johann von Felden (Hamburg)**  
Immune profiling of circulating extracellular  
vesicles to inform therapeutic resistance in  
hepatocellular carcinoma

15:20-15:40 **Noa Lipstein-Thoms (Berlin)**  
Towards mapping synaptic proteome states in  
neuroinflammation

**15:40-16:10 Coffee Break**

**Session 8** Decoding Cellular Vulnerability in  
Neuroinflammation  
Chair: Sina Rosenkranz

16:10-16:40 **Li Gan (New York)**  
Microglia: waste management or command  
center?

16:40-17:00 **Thomas Thäwel (Mannheim)**  
Decoding vulnerability of sensorimotor neurons to  
neuroinflammation

17:00-17:20 **Andreas Guse (Hamburg) &  
Marc Freichel (Heidelberg)**  
NAADP signalling and its role in tissue  
inflammation

17:20-17:40 **Manuel Friese (Hamburg)**  
Decoding neuroimmune interactions in multiple  
sclerosis

**18:00-19:30 Dinner & Poster Award**

**From 19:30 Open Bar**

# Event Venue: **Elsa Brändström Haus**

## Address:

Weißes Haus  
Kösterbergstraße 62  
22587 Hamburg

<https://ebh-hamburg.de/en/>

Event Homepage:



## WLAN:

Network: EBH-Gast  
Password: blankenese

## Directions:

1. Subway S1 and S11 toward Wedel or Blankenese to “Blankenese”.
2. Bus No. 286 toward Falkenstein or bus No. 388 in toward Rissen to “Lichtheimweg” (third stop).
3. Walk back (in the direction where the bus came from) about 200 m and follow sign “Elsa Brändström Haus” on the right-hand side.



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## More public transport information:

[www.hvv.de/en](http://www.hvv.de/en)



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