



# Berlin Microglia Meeting 2026

Advances in Myeloid Cell Biology & Neuroinflammation

13 July 2026 · MDC Berlin

## Opening Introduction

09:30-  
09:45

**Helmut Kettenmann**

SUAT Shenzhen & MDC Berlin

**Susanne Wolf**

Charité Berlin

Introduction & Welcome Remarks

## Session I

09:45-  
11:15

**Klaus Nave**

Charité Berlin

**Marco Prinz**

University of Freiburg

**Frank Heppner**

Charité Berlin

Why do microglia fail in Alzheimer's disease?

A novel transcriptomic microglia taxonomy across mouse and human pathologies

Neuroinflammation in Alzheimer's disease — how to capitalize

## Coffee Break onsite

11:15-  
11:30

## Session II

11:30-  
13:00

**Bilge Ugursu**

Novogene Berlin

**Xianyuan Xiang**

SUAT Shenzhen

**Thomas Willnow**

MDC Berlin

**Shane Liddelow**

New York University

Next-level Sequencing

The Trem2–Gpnmb Axis Across Stroke and Alzheimer's Disease

Astrocytes distress triggers Alzheimer's disease pathology through induction of  $\delta$  secretase

Glial Crosstalk and Adaptive Immunity: Does Astrocyte Reactivity Fuel T Cell Expansion

## Lunch Break onsite

13:00-  
13:45

## Session III

13:45-  
15:45

**Volker Siffrin**

Charité Berlin

**Christian Madry**

Charité Berlin

**Susanne Wolf**

Charité Berlin

**Karen Gertz**

Charité Berlin

Studying Glial Cells Using Organotypic Humanized Brain Slice Models

Membrane hyperpolarization by Kir2.1 potassium channels drive protective microglial functions in Alzheimer's disease

Sexual dimorphism in microglia in models of neurodiversity

Microglia in Translation

## Coffee Break onsite

15:45-  
16:00

## Session IV

16:00-  
17:30

**Rosa Paolicelli**

University of Lausanne

**Erich Wanker**

MDC Berlin

**Hanna Hörnberg**

MDC Berlin

Microglial TDP-43 in motor dysfunction

Huntingtin protein species and their pathogenic role in Huntington's disease

Molecular and neuroimmune mechanisms of stress-resilience

## Pizza & Drinks Mensa

From  
18:00

**Venue** Jeanne-Mammen-Saal, Max Delbrück Center (MDC) | Robert-Rössle-Str. 10, 13125 Berlin  
**Online** <https://mdc-berlin.zoom-x.de/j/65041523149?pwd=R9zNLHT5UMhVTU2BB1xtclpMI2cpW6.1>

**Organized by** Helmut Kettenmann and Susanne Wolf