

FEBRUARY 16–18, 2027 – HERRENHAUSEN CONFERENCE ~ HANOVER, GERMANY

Rethinking Neurodegeneration – Challenging Established Paradigms and Exploring New Paths

Tuesday, February 16th

Time	Program
08:30 (onwards)	Coffee Available
09:00 – 10:30	Registration (& poster hanging)
10:30 – 11:00	Welcome & Introduction <i>Henrike Hartmann & Christian Behl</i>
11:00 – 12:00 (talk ca. 45 min)	Keynote Speech A Synaptic Perspective on Alzheimer's Disease <i>Thomas Südhof – School of Medicine, Stanford University Stanford, USA</i>
12:00 – 13:00	Lunch & Coffee
13:30 – 14:00	Synaptic-Resolution Connectomics: Densely Mapping Brain Networks in Health and Disease <i>Moritz Helmstädter – Department of Connectomics, Max Planck Institute for Brain Research Frankfurt am Main, Germany</i>
14:00 – 14:30	Towards Integrating Circuit Dysfunction and Reserve Into the Clinical Management of Early Alzheimer's Disease <i>Emrah Düzel – Clinical Neurophysiology and Memory, German Center of Neurodegenerative Diseases (DZNE) Magdeburg, Germany</i>
14:30 – 15:00	Discussion – Talks 1-3

15:00 – 15:20	Coffee Break
15:20 – 15:50	From Function to Dysfunction: Amygdala Circuits in Health and Disease <i>Sabine Krabbe – Functional Diversity of Neuronal Circuits, German Center of Neurodegenerative Diseases (DZNE) Bonn, German</i>
15:50 – 16:20	Capturing State Transitions in Cognitive Aging <i>Anders Fjell – Department of Psychology, Faculty of Sciences, University of Oslo Oslo, Norway</i>
16:20 – 16:40	Discussion – Talks 4 & 5
16:40 – 17:30	Coffee & Posters (presenters should be at their posters)
17:30 – 19:00	Welcome Reception Dinner
19:00 – 21:00 (admission start 18:15)	Herrenhäuser Forum Public Event Demenz – Stehen wir vor einem Sieg über das Vergessen oder muss die Forschung umdenken? <i>Panel Discussion with Prof. Dr. Christian Behl & Prof. Dr. Emrah Düzel, moderated by Dr. Catherine Newmark DLF Kultur</i>

Wednesday, February 17th

Time	Program
08:30 (onwards)	Coffee Available
08:50 – 09:00	Wrap Up of Day 1 <i>Christian Behl / Jürgen Götz / Tia Powell</i>
09:00 – 09:30	Beyond Waste Disposal: Lysosomes as Drivers and Targets in Neurodegeneration <i>Paul Saftig – Institute of Biochemistry, Christian Albrecht University Kiel Kiel, Germany</i>
09:30 – 10:00	Balancing Autophagic Degradation and Secretion in the Healthy and Aging Brain <i>Vassiliki Nikolettou – Department of Fundamental Neurosciences, University of Lausanne Lausanne, Switzerland</i>
10:00 – 10:20	Discussion – Talks 6 & 7
10:20 – 10:40	Coffee Break
10:40 – 11:10	Cryo-EM Structures of Amyloid Filaments From the Human Brain <i>Michel Goedert – MRC Laboratory of Molecular Biology, Cambridge Biomedical Campus Cambridge, UK</i>
11:10 – 11:40	From Old Skin to Old Brain: Direct Conversion to Explore the Interface Between Aging and Alzheimer's Disease <i>Jerome Mertens – Neural Aging Laboratory, Department of Neurosciences, University of California San Diego San Diego, USA</i>
11:40 – 12:00	Discussion – Talks 8 & 9
12:00 – 13:30	Lunch & Coffee Optional 30 min Networking & Funding Seminars during coffee

13:30 – 14:00	Dementia and Peripheral Immune Deviations: After all a Systemic Disease? <i>Joachim Schultze – Clinical Single Cell Omics (CSCO), Systems Medicine, German Center of Neurodegenerative Diseases (DZNE)</i> <i>Bonn, Germany</i>
14:00 – 14:30	Biofluid-based Biomarkers for Neurodegenerative Dementias—Beyond Amyloid and Tau <i>Henrik Zetterberg – Department of Psychiatry and Neurochemistry, Institute of Neuroscience and Physiology, University of Gothenburg</i> <i>Gothenburg, Sweden</i>
14:30 – 14:50	Discussion – Talks 10 & 11
14:50 – 15:10	Coffee Break
15:10 – 15:40	Targeting Innate Immunity to Treat Neurodegenerative Disease <i>Michael Heneka – Luxembourg Center of Systems Biomedicine, University of Luxembourg,</i> <i>Esch-sur-Alzette, Luxembourg</i>
15:40 – 16:10	Mixed Pathologies of the Aging Brain <i>Johannes Attems – Institute of Neuropathology and Neuromolecular Pathology</i> <i>Medical University Innsbruck,</i> <i>Innsbruck, Austria</i>
16:10 – 16:30	Discussion – Talks 12 & 13
16:30 – 16:50	Coffee Break
16:50 – 18:30	Lightning Talks Grant Recipients "NEXT: Rethink Neurodegeneration!"
18:30 – 21:00	Conference Dinner

Thursday, February 18th

Time	Program
08:30 (onwards)	Coffee Available
08:50 – 09:00	Wrap Up of Day 2 <i>Christian Behl / Jürgen Götz / Tia Powell</i>
09:00 – 09:30	Neuroprotection for Glaucoma-Tackling Age-Related Loss of Neuronal Resilience <i>Jonathan Crowston – Save Sight Institute, Faculty of Medicine and Health, The University of Sydney, Sydney, Australia</i>
09:30 – 10:00	The Neural Exposome: What is it and Why is it Relevant to the Study of Neurodegeneration? <i>Pamela Lein – Molecular Biosciences, School of Veterinary Medicine, University of California Davis, Davis, USA</i>
10:00 – 10:20	Discussion ~ Talks 14 & 15
10:20 – 10:40	Coffee Break
10:40 – 11:10	Herpes Simplex Type 1 Virus (HSV-1) and Alzheimer's Disease: The Enemy Within <i>Ruth Itzhaki – The Oxford Institute of Population Ageing University of Oxford, Oxford, UK</i>
11:10 – 11:40	17 – Title TBA <i>Cornelia van Duijn – Oxford Population Health University of Oxford - Oxford, UK</i>
11:40 – 12:00	Discussion – Talks 16 & 17
12:00 – 13:30	Lunch & Coffee
13:30 – 14:00	Midlife as a Window of Opportunity for Dementia Prevention and Early Neurodegeneration <i>Kristine Yaffe – Center for Population Brain Health University of California San Francisco San Francisco, USA</i>

14:00 – 14:30	The Promise: Caregiving and Moral Dilemmas <i>Tia Powell – Department of Epidemiology & Population Health & Department of Psychiatry and Behavioral Sciences Albert Einstein College of Medicine New York, USA</i>
14:30 – 14:50	Discussion – Talks 18 & 19
14:50 – 15:00	Wrap Up of Day 3 <i>Jürgen Götz / Christian Behl / Tia Powell</i>
15:00 – 15:30	Conference Wrap Up <i>Henrike Hartmann, Tia Powell, Jürgen Götz & Christian Behl</i>
15:30 – 16:30	Farewell Coffee
16:00	End of Conference

Posters will be showcased during the entire conference, feel free to view and discuss during coffee breaks. Weather permitting, the Herrenhausen Gardens are beautiful grounds for a Walk & Talk.

