

# SCIENTIFIC SYMPOSIUM ON AGING & DISEASE



HOST

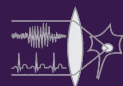
Stefanie Deinhardt-Emmer

OLD CASTLE DORNBURG  
SEPTEMBER 02, 2024

Presented by



SARS-CoV-2Dx



Interdisciplinary Center for  
Clinical Research (IZKF) Jena

The symposium was made possible by the kind and generous support of



## Agenda

08:30 Arrival & Morning Coffee

09:00 Welcome // *Stefanie Deinhardt-Emmer*

09:05 Keynote // *A microbial perspective to biology of aging*

*Dario Riccardo Valenzano // Leibniz Institute on Aging - Fritz Lipmann Institute (FLI), Jena, Germany*

09:55 Idiopathic pulmonary fibrosis drives heterogenous responses to DNA damage and infection during senescence

*Brendan Hughes // Buck Institute for Research on Aging, Novato (CA), USA*

10:20 Age-dependent alterations of macrophage function lead to increased viral load during influenza A virus infection

*Thurid Lauf // Institute of Medical Microbiology, Jena University Hospital (JUH), Jena, Germany*

10:45 Cross-Species Insights into the Transcriptomics of Aging

*Manja Marz // Faculty of Mathematics and Computer Science, Friedrich Schiller University Jena, Jena, Germany*

11:00 Coffee Break

11:30 Technological advances in MS-based proteomics and phosphoproteomics to study ageing

*Florian Meier-Rosar // RG Functional Proteomics, JUH, Jena, Germany*

11:55 Investigating the role of senescent macrophages in aging: implications for metabolic disease, healthspan, and longevity

*Anthony J. Covarrubias // University of California, Los Angeles, USA*

12:20 Tendinopathy: What influences tendon biology?

*Britt Wildemann // Clinic for Trauma, Hand and Reconstructive Surgery, JUH, Jena, Germany*

12:45 Replicating the benefits of sleep with specific DREAM inhibitors

*Maria Ermolaeva // Leibniz Institute on Aging - Fritz Lipmann Institute (FLI), Jena, Germany*

13:10 Lunch

14:10 Keynote // *Herpes virus and Alzheimer's disease*

*Hugo Lövheim // Department of Community Medicine and Rehabilitation, Umeå University, Umeå, Sweden*

15:00 How senses work together. Tactile integration in the adult mouse primary visual cortex

*Manuel Teichert // Clinic of Neurology, JUH, Jena, Germany*

15:15 Brain-body interaction in ischemic stroke

*Katarzyna Winek // Leibniz Institute on Aging - Fritz Lipmann Institute (FLI), Jena, Germany*

15:40 XNKCC1 chloride cotransporter: its role in stem cell-mediated neurogenesis during aging and Alzheimer's disease

*Silke Keiner // Clinic of Neurology, JUH, Jena, Germany*

16:05 Microglia mediate neurocognitive deficits by eliminating C1q-tagged synapses in sepsis-associated encephalopathy

*Ha-yeun Chung // Clinic of Neurology, JUH, Jena, Germany*

16:20 End of Scientific Part // Coffee Break

16:30 Special // *Anti-Aging Music Session: Music by Bach & Mozart*

*Aleksandra Grychtolik & Alexander Grychtolik, Harpsichords*

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