

Annual Meeting of the  
German Association for Aging Research

27-28 June 2024, IMB Mainz, Germany

Thursday, 27 June

12:00-12:25	<i>Registration</i>		
12:25-12:30	Opening Remarks by Hartmut Geiger, President of the DGfA		
Keynote Lecture I			
Introduction: Karin Scharffetter-Kochanek			
12:30-13:15	Richard Faragher	University of Brighton, UK	<i>Therapeutic opportunities presented by modulation of cellular senescence</i>
Session 1			
<b>General Molecular and Cellular Mechanisms of Ageing</b>			
Chair: Katharina Papsdorf			
13:15-13:30	Wenming Huang	Max Planck Institute for Biology of Ageing, Cologne, Germany	<i>Vitamin B12 alleviates Verheij syndrome defects in a C. elegans model</i>
13:30-13:45	Silvia Cattelan	Leibniz Institute on Aging, Jena, Germany	<i>Paternal age impairs offspring fertility and lifespan via ejaculate-mediated effects in the turquoise killifish</i>
13:45-14:00	Pauline Staiber	Institute of Molecular Medicine, Ulm University, Germany	<i>The aging impact on the mechanisms of human bone development and repair</i>
14:00-14:15	Siyao Wang	Institute of Molecular Biology Mainz, Germany	<i>H3K4me2 regulates the recovery of protein biosynthesis and homeostasis from DNA damage during development and aging</i>
14:15-14:30	Kristi Jensen	Johannes Gutenberg University/Institute of Molecular Biology Mainz, Germany	<i>Topoisomerase I contributes to age-associated mutations at genomic ribonucleotides</i>
14:30-15:00	<i>Coffee Break</i>		
Keynote Lecture II			
Introduction: Melike Dönertas			
15:00-15:45	Morten Scheibye-Knudsen	University of Copenhagen, DK	<i>Data driven interventions in human aging</i>
Session 2			
<b>Genetic &amp; Epigenetic Modifiers of Ageing</b>			
Chair: Francesco Neri			
15:45-16:00	Mara Neuerburg	Max Planck Institute for Biology of Ageing, Cologne, Germany	<i>In vitro functional characterization of rare genetic variants identified in exceptionally long-lived individuals</i>

**Annual Meeting of the  
German Association for Aging Research**

27-28 June 2024, IMB Mainz, Germany

16:00-16:15	Florian Fischer	University Medical Center Mainz, Germany	<i>Genetic and Epigenetic Interplay in Aging: The Mediating Role of PhenoAge in TACR3-rs2765-Related Cognitive Changes</i>
16:15-16:30	Roland Piekorz	Medical Faculty, Heinrich Heine University Düsseldorf, Germany	<i>Identification of SIRT4, a senescence linked sirtuin, as novel interactor and suppressor of C-RAF/RAF1 kinase in MAPK signaling</i>
16:30-16:45	Maarouf Baghdadi	Max Planck Institute for Biology of Ageing, Cologne, Germany	<i>Functional characterisation of rare variants in genes encoding the MAPK/ERK signalling pathway identified in long-lived Leiden Longevity Study participants</i>
16:45-17:00	Jan Padeken	Institute of Molecular Biology Mainz, Germany	<i>UV-Damage-induced Heterochromatin Silencing mediates Organismal Resilience in Aging</i>
17:00-17:15	Juan Felipe Perez Correa	RWTH Aachen Uniklinik, Aachen, Germany	<i>Weighted 2D-kernel density estimations provide a new probabilistic measure for epigenetic age</i>
17:15-17:30	Lars Schomacher	Institute of Molecular Biology Mainz, Germany	<i>Decoupling biological ageing from embryonic development: Evidence from pluripotent stem cells</i>
17:30-19:30	Poster Session		
19:30	<i>Dinner</i>		

Annual Meeting of the  
German Association for Aging Research

27-28 June 2024, IMB Mainz, Germany

Friday, 28 June

Keynote Lecture III

Introduction: Oliver Tüscher

09:00-09:45	Andrea Maier	Centre for Healthy Longevity, National University Health System, Singapore	<i>Closing the gap between healthspan and lifespan: Healthy Longevity Medicine</i>
-------------	--------------	--	--

Session 3

Immunoageing & Inflammaging

Chair: Wolfram Ruf

09:45-10:00	Philipp Haas	University of Ulm, Germany	<i>The LPS Induced Adaptive Response of Old ABCB5+MSCs Failed to Elicit Microbicidal Neutrophil Functions to Control Gram Negative Bacteria</i>
10:00-10:15	Yasmina Reißer	University Hospital Jena, Germany	<i>Telomerase RNA component knockout exacerbates S. aureus pneumonia by extensive inflammation and T cell dysfunction</i>
10:15-10:30	Francesco Neri	University of Turin, Italy	<i>Inflammaging and intestinal aging</i>
10:30-10:45	Moritz Brandt	University Medical Center Mainz, Germany	<i>Sequelae of cardiomyocyte telomere shortening and novel connections to inflammation in heart failure</i>
10:45-11:00	Valentina René Minciacchi	University Medical Center Mainz, Germany	<i>Endothelial protein C receptor signaling regulates myeloid-biased hematopoiesis in aging mice</i>
11:00-11:15	Hina Zarrin	University Medical Center Ulm, Germany	<i>Role of Notch/NF-κB crosstalk signaling in brain aging</i>

11:15-12:00 *Coffee Break*

Session 4

Proteostatic & Metabolic Mechanisms of Ageing

Chair: Maja Funk

12:00-12:15	Katharina Papsdorf	Institute of Molecular Biology Mainz, Germany	<i>Lipid droplets drive lifespan extension in response to mono-unsaturated fatty acids</i>
12:15-12:30	Collin Ewald	Novartis Biomedical Research, Diseases of Aging and Regenerative Medicine (DARe)	<i>Improved resilience and proteostasis mediate longevity upon DAF-2 degradation in old age</i>

Annual Meeting of the  
German Association for Aging Research

27-28 June 2024, IMB Mainz, Germany

12:30-12:45	Omid Omrani	Leibniz Institute on Aging, Jena, Germany	<i>Aging-induced alteration of proteome dynamics in mouse intestinal tissue upon regeneration</i>
12:45-13:00	Xiaofei Ping	Johannes-Gutenberg University Mainz, Germany	<i>In Silico Study of Conformational Flexibility of Full-Length TDP-43 on Its Phase Behavior and Condensate Properties by Molecular Dynamics Simulations</i>
13:00-13:15	Luisa Ricciardi	Leibniz Institute on Aging, Jena, Germany	<i>Lztr1-dependent metabolic dysfunction and lipid dyshomeostasis</i>
13:15-13:30	Thu Pham Nguyen Minh	University Medical Center Mainz, Germany	<i>Adaptive responses of neuronal cells to chronic ER stress counteracts hallmarks of ageing</i>
13:30-13:45	Yulin Chen	Leibniz Institute on Aging, Jena, Germany	<i>NR supplementation enables late life dietary restriction to improve stem cell function and lifespan</i>
13:45-14:00	DGfA Prizes for Best Talk and Best Poster & Closing Remarks		
14:00-14:30	<i>Lunch Snack</i>		
14:00-15:00	DGfA General Assembly & business lunch (DGfA members only)		



Leopoldina  
Nationale Akademie  
der Wissenschaften

