

PROGRAMM

15th Annual Alliance for Healthy Aging Conference

From mechanisms of age-associated diseases to healthy aging

1st EFAR Conference on the Biology of Aging

October 14–16, 2026

Wednesday, October 14th

Max Planck Institute for Biology of Ageing – Lecture Hall

From 11:00

Registration

12:30 – 13:00 **Welcome Statements**

Session I:

- 13:00 – 13:25 **Invited speaker: Nathan LeBrasseur**
Mayo Clinic, Rochester
Cellular Senescence and Skeletal Muscle Aging
- 13:25 – 13:40 **Toluwanimi Victory Afolayan**
MPI for Biology of Ageing, Cologne
In vivo functional characterisation of a rare protein-altering variant in DEPTOR identified in long-lived families
- 13:40 – 13:55 **Arturo Bujarrabal-Dueso**
CECAD, Cologne
A Novel H2A.Z-Dependent Mechanism Underlies DREAM Complex Regulation of the DNA Damage Response
- 13:55 – 14:10 **David H. Meyer**
CECAD, Cologne
Aging clocks delineate neuron types vulnerable or resilient to neurodegeneration and identify neuroprotective interventions
- 14:10 – 14:25 **Haoqun Zhan**
University of Cambridge, UK
Nuclear integrity underpins the dynamic range of inflammation regulation
- 14:25 – 14:40 **Aleksandr Dekan**
University of Copenhagen
Genomic Determinants of Maximum Lifespan in Vertebrates
- 14:40 – 15:05 **Invited speaker: Emma Teeling**
University College Dublin
The molecular basis of bat's extended healthspans
- 15:05 – 15:40 COFFEE BREAK**

Session II

- 15:40 – 16:05 **Invited Speaker: Uri Alon**
Weizmann Institute of Science, Rehovot
A physiological cliff at menopause reconstructed from 300 million lab tests

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16:05 –	16:20	Peter de Keizer University Medical Center Utrecht <i>PMLhigh, impaired-p53 scarred cells are a therapeutic target for healthy longevity</i>
16:20–	16:35	Constantinos Demetriades ERIBA/UMCG, Groningen <i>mTOR Ubiquitination in Ageing and Disease</i>
16:35–	16:50	Joris Demmers CECAD, Cologne <i>Transcription speed is controlled by mTOR via the super elongation complex</i>
16:50–	17:05	Nikoleta Nikou Universitat Autònoma de Barcelona <i>Novel Treatments to Mitigate Ovarian Aging and Follicle Loss</i>
17:05	17:20	Taiyu Ge CECAD, Cologne <i>Vitamin B12 boosts H3K4me2 deposition to promote transcription recovery following DNA damage</i>
17:20–	17:45	BREAK
17:45–	18:10	Invited Speaker: George Garinis University of Crete <i>DNA damage and Innate Immune responses in Health and Disease</i>
18:10–	18:25	Dax Houtkamp Vrije Universiteit Amsterdam <i>Prolonged bed rest reduces PhenoAge despite marked physiological deconditioning</i>
18:25–	18:40	Shoma Ishikawa CECAD, Cologne <i>Non-cell-autonomous control of stress surveillance by telomere deprotection</i>
18:40	18:55	Maria Sol Jacome Burbano CECAD, Cologne <i>A neonatal-like cardiac program underlies adult heart regeneration in the naked mole-rat</i>

CECAD Research Center, Foyers and 1st floor

19:15 – 22:15

Poster Session (with finger food and drinks)

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Session III

9:00–	9:25	Invited Speaker: Elsa Logharino University of Porto <i>The geroprotective role of the transcription factor FOXM1</i>
9:25–	9:40	Lucia Lorenzo Rodriguez CIMUS-USC, Universidade de Santiago de Compostela <i>Senomorphic effect of genetic and chemical partial reprogramming</i>
9:40–	9:55	Helene Martini Mayo Clinic, Rochester <i>Mitochondrial metabolism and epigenetic crosstalk in senescent cells.</i>
9:55–	10:10	Manuel Collado CIMUS-USC, Universidade de Santiago de Compostela <i>The Last kiss: Apoptotic Secreted Factors Drive Cellular Senescence</i>
10:10	10:25	Julian Mutz King's College London <i>Do mental disorders accelerate the pace of ageing?</i>
10:25	10:50	Invited Speaker: Laura Niederhofer University of Minnesota <i>Senescent cells role in liver aging and disease</i>

10:50 – 11:30 COFFEE BREAK

Session IV

11:30–	11:45	Invited Speaker: Luca Scorrano University of Padova <i>Fis1 Loss Drives Endothelial Senescence via Maladaptive Fatty-Acid Metabolism</i>
11:55–	12:10	Francesco Neri University of Turin <i>Loss of regeneration and epigenetic drift of the intestinal stem cells during aging</i>
12:10–	12:25	Katharina Papsdorf Institute of Molecular Biology (IMB) Mainz <i>Lipid droplets in MUFA mediated longevity</i>
12:25–	12:40	André Rendeiro CeMM Research Center for Molecular Medicine, Vienna <i>Histological aging signatures enable inference of tissue-specific disease associations from blood</i>
12:40–	13:05	Invited Speaker: Sara Hägg Karolinska Institute, Stockholm <i>Tracking human aging for precision health</i>

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13:05–

14:45

Lunch Break

Session V

14:45–

15:10

Invited Speaker: Lumir Krejčí

Masaryk University, Brno

Regulation of Homologous Recombination

15:10–

15:25

David Doupe

Durham University

The transcription factor Sob maintains intestinal stem cell homeostasis to delay aging

15:25–

15:40

Della David

Babraham Institute, Cambridge

Identification of a novel human extracellular chaperone promoting healthy ageing

15:40–

15:55

Oliver Tüscher

Martin Luther University Halle–Wittenberg (MLU)

TACR3 variant confers resilience to aging and Alzheimer's disease

15:55–

16:10

Dongryeol Ryu

Gwangju Institute of Science and Technology (GIST)

Discovery of a Circulating Myokine that Improves Systemic Function in Aged Mice

16:10

16:25

Markus Schosserer

Medical University of Vienna, Austria

The role of the ribosomal RNA methyltransferase Nsun5 in mouse aging and development

16:25

16:40

Payel Sen

National Institute on Aging, USA

A single-cell multi-omic atlas decodes the regulatory logic of liver aging

16:40

17:05

Invited Speaker: Wojciech Pokrzywa

International Institute of Molecular and Cell Biology in Warsaw (IIMCB)

Proteotoxicity-driven nucleolar transition integrates protein storage, ribosome biogenesis and cellular stress pathways

17:15–

18:15

Members Assembly

Schokoladenmuseum (by registration only)

19:15–

22:30

Speakers Dinner

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Session VI

9:00 –	09:25	Invited Speaker: Eija Pirinen University of Oulu <i>Obesity-related remodeling of NAD⁺ metabolism in human adipocytes</i>
09:25–	09:40	Mirre Simons The University of Sheffield <i>Suppression rather than activation of the integrated stress response (GCN2–ATF4) pathway extends lifespan in the fly</i>
09:40–	09:55	Yossawat Suwanlikit Robert and Arlene Kogod Center on Aging, Mayo Clinic, Rochester <i>DNA Methylation-Based Clonal Hematopoiesis Burden Associates with Structural Brain Atrophy</i>
09:55–	10:10	Vakil Takhaveev ETH Zürich, Switzerland <i>The Damage Code – Single-Nucleotide Maps of DNA Lesions Across the Ageing [Epi]Genome</i>
10:10–	10:25	Danila Voronov Leibniz Institute on Aging – Fritz Lipmann Institute (FLI), Jena, Germany <i>Shared molecular signatures between diapause II and aging in killifish <i>Nothobranchius furzeri</i> suggest aging during diapause II</i>
10:25–	11:15	BREAK
11:15 –	11:40	Invited Speaker: Guido Kroemer Université de Paris Cité <i>Immunosuppression by the geroprotein ACBP/DBI</i>
11:40–	11:55	Shibo Wei Gwangju Institute of Science and Technology (GIST) <i>Localized NAD⁺ Replenishment Restores Metabolic Resilience and Mitigates Cardiac Injury after Myocardial Infarction</i>
11:55–	12:10	Mauro Corrado CECAD, Cologne <i>Suppression of T Cell–Driven Type I Interferons in Ageing Reveals Gut-Specific Vulnerability</i>
12:10 –	12:35	Invited Speaker: Eline Slagboom Leiden University Medical Center <i>Lifestyle intervention effects in middle age monitored across omics layers and tissues; practical implications</i>
12:35 –	13:00	Concluding remarks, poster prizes