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Leibniz Institute on Aging -  
Fritz Lipmann Institute

**ERIBA**

**GRONINGEN-JENA AGING MEETING**

## Poster session/Flash talk schedule

G-JAM Meeting 2021

20 – 23 October

Poster presentations  
G-JAM Meeting 2021  
20 – 23 October

**Poster Session 1 (Odd Poster Numbers)**

Thursday, October 21st, 17:45-19:45 CET

**Poster Session 2 (Even Poster Numbers)**

Friday, October 22nd, 18:00-20:00 CET

**Poster/Flash talk session 1 – odd numbers (Thursday, October 21st, 17:45-19:45 CET)**

P1	<b>The dynamic response of the 26S proteasome to paraquat challenge is lost with aging in Baboon cells</b> Daniel A. Adekunbi
P3	<b>ProteasomeID: quantitative mapping of proteasome interactomes for in vitro and in vivo studies</b> Aleksandar Bartolome
P5	<b>The effects of 1,3-1,6 <math>\beta</math>-glucan in aging using <i>Nothobranchius furzeri</i> as animal model</b> Letizia Brogi
P7	<b>Aging impacts the inflammatory microenvironment guided by immunomodulatory mediators in an organ-specific manner</b> Anna Czapka
P9	<b>Spatial and solubility characterization of the aging brain proteome in a short-lived vertebrate</b> Domenico Di Fraia
P11	<b>Protein CoAlation and the antioxidant function of coenzyme A: a renaissance of a key metabolic cofactor</b> Prof. Ivan Gout
P13	<b>GMPPA defects result in a progressive neuromuscular disorder with <math>\alpha</math>-Dystroglycan hyperglycosylation</b> Lennart Gresing
P15	<b><i>tba</i></b> Sanjib Guah
P17	<b>Composition of lysosomes in brain cells</b> Julia C. Heiby
P19	<b>Nucleolar TFIIE plays a role in ribosomal biogenesis and performance</b> Sebastian Iben
P21	<b>Increased fidelity of protein synthesis extends lifespan</b> Ivana Bjedov
P23	<b>Transcriptional repression of NFKBIA triggers constitutive IKK- and proteasome-independent p65/RelA activation in senescence</b> Marina Kolesnichenko
P25	<b>scAgeCom: a murine atlas of age-related changes in intercellular communication</b> Cyril Lager
P27	<b>An accurate transcriptome-based senescence classifier</b> Yao Lin
P29	<b>Long intergenic non-coding RNA LINC01021 promotes survival of senescent cells and plays a regulatory role in SASP expression</b> Sebastian Mackedenski
P31	<b>ATR maintains mitochondrial integrity and functionality</b> Christian Marx
P33	<b>The Optical Stem Cell Activity Reporter (OSCAR): a new tool to understand dormant cell biology</b> Alberto Minetti
P35	<b>FLT3 ITD mediated aging and differentiation of hematopoietic stem cells (HSC)</b> Jörg Müller
P37	<b><i>tba</i></b> Bita Nakhai
P39	<b>Mutagenic, mitochondrial motifs and species lifespan</b> Kamil Pabis
P41	<b><i>tba</i></b> Thorsten Pfirrmann
P43	<b>Macrophage Dysfunction in Neurofibromatosis Type 2 (NF2)</b> Michael Reuter

P45	<b>The Limits of Longevity</b> Christopher Rodriguez
P47	<b>Impact of glycosylation on the ageing heart</b> Mona Schurig
P49	<b>Transposons are double edged sword for inflammaging and cancer resistance</b> Andrei Seluanov
P51	<b>Proteome dynamics during myogenesis identify the cytoskeletal protein Leiomodin 1 as a promoter of muscle stem cell differentiation</b> Ellen Späth
P53	<b>Too little to die, too much to survive – Error catastrophe in human cells and its relevance for therapy</b> Isabell Vetterlein
P55	<b>Combined fiber atrophy and decreased muscle regeneration capacity driven by mitochondrial DNA alterations underlie the development of sarcopenia</b> Rudolf J. Wiesner
P57	<b>Lifespan extension and neuroprotection by dietary restriction requires OXR1-mediated retromer function</b> Kenneth Wilson
P59	<b>Characterization of age-related changes in the proteome and metabolism of adipose-derived stem cells</b> Alicia Toto Nienguesso

**Poster/Flash talk session 2 – even numbers (Friday, October 22nd, 18:00-20:00 CET)**

P2	<b>Role of Macrophages in the Loss of Peripheral Nerve Homeostasis</b> Damilola Emmanuel Akinyemi
P4	<b>4-Phenylbutyrate Slows Deficit Accumulation When Given to Aged Mice</b> Michael Bene
P6	<b>Regulation of Neuronal Cell Fate Determination by Endocytic Adaptor AP-2</b> Santiago Cambor-Perujo
P8	<b>Using <i>Caenorhabditis elegans</i> to investigate amyloid diseases</b> Katherine M. Dewison
P10	<b>Uncoupling of ribosomal proteins and their transcripts in diapause and aging in the short-lived killifish <i>Nothobranchius furzeri</i></b> S. Eyüpustaoglu
P12	<b>Exporting protein aggregates from cells to study aging and disease</b> Arthur Fischbach
P14	<b>Ageing clocks, measuring biological time using lipidomics</b> Jan Gruber
P16	<b>Modifiers of TDP-43 Toxicity</b> Lale Gungordu
P18	<b><i>tba</i></b> Stephen B. Helliwell
P22	<b>Inactivation of histone chaperone HIRA unmasks a link between normal embryonic development of melanoblasts and maintenance of adult melanocyte stem cells</b> Farah Jaber-Hijazi
P24	<b><i>tba</i></b> Christian Kosan
P26	<b>Neutrophils induce paracrine telomere dysfunction and senescence in ROS-dependent manner</b> Anthony Lagnado
P28	<b>The specification of quiescent neural stem cells in the vertebrate zebrafish brain</b> Yuanyuan Liu
P30	<b>Landscape of protein post-translational modifications in the aging brain: dysregulation, cross-talk and site competition</b> Antonio Marino
P32	<b>Differential vulnerabilities of primary and secondary senescent cells to first-generation senolytic compounds in the diseased kidney</b> Kathleen Meyer
P34	<b>The mouse metallomic landscape of aging and metabolism</b> Jean-David Morel
P36	<b>Health- and lifespan regulation by C/EBPbeta comes of age</b> Christine Müller
P38	<b>Precise machine learning suggest that brain cells facing a neurodegenerative insult are the subject of molecular decompensation and aging</b> Christian Neri/Lucile Mégret
P40	<b>H3K9me selectively blocks transcription factor activity to ensure differentiated tissue integrity.</b> Jan Padeken
P42	<b>LncRNAs in hybrid DNA/RNA in patients with psoriasis</b> Minoo Rassoulzadegan
P44	<b>Lztr1-dependent mitochondrial dysfunction and metabolic aging</b> Luisa Ricciardi
P46	<b>Impaired M2 macrophage polarization in aging shifts the lipidome to pro-inflammatory mediators driving chronic inflammation and impairing tissue maintenance</b> Patrick Schädel

P48	<b>Mitochondrial ROS production may not explain differences in life expectancy in a rat model of genetically determined high or low exercise capacity</b> Michael Schwarzer
P50	<b>Signalling profile of proteasome inhibition-induced and stress-induced senescence in human lung and dermal fibroblasts</b> Sissy Skea
P52	<b>Peripheral Nerve Ageing - Maintenance, Repair, and CCI11 as a potential ageing factor</b> Amy Stockdale
P54	<b>Transient adenine base editing treats premature aging in mice</b> Daniel Whisenant
P56	<b>Protein O-GlcNAcylation in senescence models of primary endothelial cells</b> Andreas Will
P58	<b>Proliferative effect of HGF on HepG2 cells is associated with upregulation of autophagy</b> Fengming Xu
P60	<b>A Forward and a Reverse Genetics approach to study DNA damage-induced apoptosis</b> Christina Efraimoglou, Björn Schumacher