

Virtual Conference Agenda

Start (BST) Finish (BST) Presenter details

Wednesday, 25 May 2022

Start (BST)	Finish (BST)	Presenter details
13:00	13:10	Welcome Scientific Programme Committee: Andrew Dillin, University of California, Berkeley, USA Linda Partridge, Max-Planck Institute for Biology of Ageing, Germany Thomas Rando, University of California, Los Angeles, USA Eline Slagboom, Leiden University Medical Centre, The Netherlands
13:00	14:40	Session 1: Cellular senescence Introduction to the session Chair: Thomas Rando
13:00	13:20	Understanding and controlling cellular reprogramming in vivo Manuel Serrano, IBB, Barcelona, Spain
13:20	13:40	Understanding senescence heterogeneity and preclinical development of FOXO4-DRI peptides against a "scarred" subtype Rebecca Koster, University Medical Center Utrecht, The Netherlands
13:40	14:00	Senescent cell accumulation in neurodegenerative disease Darren Baker, Mayo Clinic, USA
14:00	14:10	Somatic mutation rates scale with lifespan across mammals Alex Cagan, Wellcome Sanger Institute, UK
14:10	14:40	Q&A Chair: Thomas Rando Moderator: Eline Slagboom
14:40	14:50	Break with Networking
14:50	15:35	Poster Session 1
14:50	15:05	Poster lightning talks
15:05	15:35	Poster session
15:35	17:05	Session 2: Health interventions Introduction to the session Chair: Eline Slagboom
15:35	15:55	Mechanisms of organismal stress resistance in C. elegans Rebecca Taylor, MRC, UK
15:55	16:15	Precision nutrition: guiding healthy aging through the lifespan Jose Ordovas, USDA, USA
16:15	16:25	Hydrogen Sulphide Donor Compound AP39 Maintains Mitochondrial Health in Ageing Worms Adriana Raluca Vintila, University of Exeter, UK
16:25	16:35	PLIS: A Metabolomic Response Predictor for Monitoring a Lifestyle Intervention Study in Older Adults Faith Bogaards, Leiden University Medical Center, The Netherlands
16:35	17:05	Q&A Chair: Eline Slagboom Moderator: Andrew Dillin
17:05	17:25	Break with networking
17:25	18:10	Keynote 1 Introduction to the session Chair: Thomas Rando
17:25	17:55	Cellular Senescence: Quo Vadis? Judy Campisi, Buck Institute, USA
17:55	18:10	Q&A Chair: Thomas Rando Moderator: Andrew Dillin

Thursday, 26 May 2022

13:00	14:40	Session 3: Cellular homeostasis
Introduction to the session Chair: Eline Slagboom		
13:00	13:20	Ribosome-associated chaperones: guardians of the proteome during health and disease Eike Deuring, University of Konstanz, Germany
13:20	13:40	Mechanisms of age-related protein aggregation and toxicity Elien Nollen, University of Groningen, The Netherlands
13:40	14:00	Ageing exacerbates ribosome pausing to disrupt cotranslational proteostasis Judith Frydman, Stanford University, USA
14:00	14:10	Age acquired skewed X Chromosome Inactivation is associated with adverse health outcomes in humans Amy Roberts, King's College London, UK
14:10	14:40	O&A Chair: Eline Slagboom Moderator: Linda Partridge
14:40	15:00	Break with Networking
15:00	16:20	Session 4: Metabolism
Introduction to the session Chair: Andrew Dillin		
15:00	15:20	Microbial co-opting of cellular senescence Lena Pernas, Max-Planck Institute for Biology and Ageing, Germany
15:20	15:40	Cellular Aging and Cancer Initiation: The Telomere-Mitochondria Connection Gerard Shadel, Salk Institute, USA
15:40	15:50	Development and validation of NMR based metabolomic age prediction models in a multi-cohort study Chungho Lau, Imperial College London, UK
15:50	16:20	O&A Chair: Andrew Dillin Moderator: Thomas Rando
16:20	16:40	Break with networking
16:40	18:20	Session 5: The ageing brain / nervous system
Introduction to the session Chair: Linda Partridge		
16:40	17:00	From football players to aging brains - trajectories of vulnerability and resilience to cognitive decline Daniela Kaufer, University of California, USA
17:00	17:20	Brain associated lymphatics and immunity in healthy aging and in pathology Jonathan Kipnis, University of Virginia, USA
17:20	17:30	Somatic Mutations in the Ageing Brain and Heart Luke Harvey, Wellcome Sanger Institute, UK
17:30	17:40	Investigating the relationship between telomere length and cognitive function using genetics in adults of European ancestry Amy Packer, King's College London, UK
17:40	17:50	Epigenetic Clock Indicates Accelerated Ageing in Glial Cells of Progressive Multiple Sclerosis Patients Dennis Klose, Center for Molecular Medicine (Karolinska Institutet), Sweden
17:50	18:20	O&A Chair: Linda Partridge Moderator: Eline Slagboom

Friday, 27 May 2022

13:00	14:40	Session 6: Longevity and biological age
Introduction to the session Chair: Linda Partridge		
13:00	13:20	Investigating Cellular Rejuvenation Pathways during Gametogenesis Erich Uhal, University of California, Berkeley, USA - TBC
13:20	13:30	Activation of T and NK cells drives epigenetic clock progression Thomas Jonkman, Leiden University Medical Center, The Netherlands
13:30	13:40	Dietary restriction is evolutionary conserved in the Drosophila lineage on the phenotypic and transcriptome level Mirre Simons, University of Sheffield, UK
13:40	13:50	Characterization of premature aging in Ercc1d ^{-/-} mice and development of an iPSC-derived in vitro model to study vascular aging Janette van der Linden, Leiden University Medical Center, The Netherlands
13:50	14:10	Human research into longevity and protection from age-related functional decline Eline Slagboom, Leiden University Medical Centre, The Netherlands
14:10	14:40	O&A Chair: Linda Partridge Moderator: Thomas Rando
14:40	14:50	Closing remarks
Scientific Programme Committee: Andrew Dillin, University of California, Berkeley, USA Linda Partridge, Max-Planck Institute for Biology of Ageing, Germany Thomas Rando, University of California, Los Angeles, USA Eline Slagboom, Leiden University Medical Centre, The Netherlands		