

CECAD Mini-symposium: 'Epigenetics and metabolism in ageing and age-related diseases'

September 18th, 2017

Venue: Auditorium, MPI for Biology of Ageing in Cologne

Organizers: Peter Tessarz^{1,3} and Alvaro Rada-Iglesias^{2,3}

¹Max Planck Institute for Biology of Ageing.

²Center for Molecular Medicine Cologne (CMMC), University of Cologne.

³Cologne Excellence Cluster for Cellular Stress Responses in Aging-Associated Diseases (CECAD), University of Cologne.

Program

9.55am	Opening Remarks
10.00am	Linda Partridge (MPI Age, Cologne) Probing the role of epigenetic changes in extension of lifespan by dietary restriction and rapamycin
10.40am	Bastiaan Hejmans (Leiden University) Exposing the dysregulated epigenome in human ageing using population genomics
11.20am	Frank Johannes (TU Munich) Epimutational processes shape methylome diversity in plants
12.00pm	Sponsor talk: Active Motif
12.15pm – 1.15pm	Lunch break
1.15pm	Carolina Florian (University of Ulm) Alterations of the epigenetic architecture underlie aging and rejuvenation of hematopoietic stem cells
1.55pm	Alexandros Vegiopoulos (DKFZ Heidelberg) Metabolic stem cell responses and the plasticity of fat
2.35pm	Kyung-Min Noh (EMBL Heidelberg) Determining the role of H3.3 modifications in ESCs and neurons by mutagenesis of histone residues
3.15	Gerd Kempermann (TU Dresden) Genes and environment in the lifelong regulation of adult neurogenesis
3.55pm – 4.15pm	Coffee break
4.15pm	Sponsor talk: Diagenode
4.30pm	Francesco Neri (FLI Jena) DNA methylation in mammalian development, aging and diseases
5.10pm	Marcus Buschbeck (Josep Carreras Institute, Barcelona) The histone variant macroH2A links metabolism and chromatin architecture.
5.50pm	Andreas Ladurner (LMU Munich) Metabolite control of chromatin structure and transcription
6.30pm	Closing Remarks