CECAD Winter Retreat

Friday December 13th, 2024

CECAD, Joseph-Stelzmann-Str. 26
50931 Cologne, Lecture Hall

9:55–10:00 Welcome

Session I

Chair: Jane Reznick

10:00–10:25	**Andreas Beyer** (CECAD, Institute for Genetics, UoC) *"Age-associated changes in RNA production"*
10:25–10:50	**Peter Kreuzaler** (CECAD) *"How Cofactors shape cellular function"*
10:50–11:15	**Hans-Georg Sprenger** (MPI Age) *"Exercise as a platform to discover unknown molecular mechanisms controlling mitochondrial metabolism & ageing"*
11:15–11:40	**Roland Knorr** (Center for Biochemistry, MF, UoC) *"Membrane bending and scission by biomolecular condensates"*
11:40–12:05	**Nieves Peltzer** (CMMC) *"Linear Ubiquitination in Regulating Metabolic Syndrome"*

12:05–13:10 Lunch break

Session II

Chair: Alessandra Stangherlin

13:10–14:00	*Keynote Speaker* **Wolfgang Wagner** (University Hospital, RWTH Aachen) *"Epigenetic editing at individual age-associated CpGs affects the genome-wide epigenetic aging landscape"*
14:00–14:25	**Ana J. García-Sáez** (CECAD, Institute for Genetics, UoC) *"Pore formation in cell death"*
14:25–14:50	**Joris Deelen** (MPI Age) *"Metabolomics-based biomarkers of ageing; how to implement epidemiological findings into clinically relevant settings"*
14:50–15:15	**General Assembly** *"Looking back at CECAD in 2024"* Open to the whole CECAD Community

15:15–15:45 Coffee/Tea Break

Session III

Chair: Filipe Cabreiro

15:45–16:10	**Hannah Scheiblich** (MPI Age) "*Guardians of the brain - How microglia save neurons by donating healthy mitochondria*"
16:10–16:35	**Sophie Steculorum** (MPI MR) *"Sensory programming of metabolism"*
16:35–17:20	*Keynote Speaker* **Clara Correia-Melo** (Fritz Lipmann Institut, Jena) *"Cell-Cell Metabolite Exchange Interactions – What Does It Mean To Aging?"*

17:20–20:30 **Get-Together**