



Annual Meeting of the German Association for Aging Research in Ulm:

Thursday, 5th of December 2019

11.00 – 12.30 pm

Satellite-Symposium ActiFE Study (the Activity and Function in the Elderly in Ulm):

Translational research on aging – from bench to longitudinal epidemiological studies

Dietrich Rothenbacher, Institute of Epidemiology and Biomedical Biometry, Ulm

Introduction to ActiFE study cohort and exemplified results

Dhayana Dallmeier, Agapleaseion Bethesda Clinic

Concept of frailty and results in ActiFE

World Café – Collaborative talk around questions that matter

Annual Meeting of the German Association for Aging Research (DGfA):

11.30 – 12.55 pm REGISTRATION + SNACKS

12.55 – 01.00 pm OPENING REMARKS

01.00 – 01.45 pm

KEYNOTE LECTURE I: Introduction Hartmut Geiger

Vera Gorbunova, University of Rochester, Department of Biology, USA

Longevity mechanisms: lessons from long-lived mammals

01.45 – 02.30 pm Session 1: Stem Cell Chair: Maria Ermolaeva & Cornelis Calkhoven

01.45 – 02.00 pm **Peter Tessarz**, Max Planck Institute for Biology of Ageing, Cologne

Citrate carrier links metabolism to histone acetylation during ageing of mesenchymal stem

02.00 – 02.15 pm **Hanna Leins**, Ulm University

Aging-associated immune-remodeling is driven by aging of hematopoietic stem cells

02.15 – 02.30 pm **Elias Moris Amro**, Leibniz Institute on Aging - FLI, Jena

Mitochondrial dysfunction abrogates metabolic and functional plasticity of aging hematopoietic stem and progenitor cells

02:30 – 03.00 pm COFFEE BREAK

03.00 – 03.45 pm

KEYNOTE LECTURE II: Introduction Björn Schumacher

Arjumand Ghazi, UPMC, Children's Hospital of Pittsburgh, USA

Genes that coordinate fertility, immunity and longevity

03.45 – 04.45 pm Session 2: Protein Chair: Leda Dimou & Christian Kosan

03.45 – 04.00 pm **Isabela Santos Valentim**, Leibniz Institute on Aging - FLI, Jena

The interplay between circadian clock disruption and proteostasis failure in *C. elegans*

04.00 – 04.15 pm **Arthur Fischbach**, University of Gothenburg

Investigation of the connection between TOR signaling, protein aggregation and aging

04.15 – 04.30 pm **Sebastian Iben**, Ulm University Medical Center

Loss of proteostasis in Huntington's disease- lessons from Cockayne syndrome

04.30 – 04.45 pm **Della David**, DZNE Tübingen

The role of extracellular proteostasis in aging and immunity

04.45 – 06.15 pm

POSTER SESSION with SNACKS and BEER (Foyer N27)

06.30 pm **DEPARTURE to the HOCHSCHULE FÜR GESTALTUNG (HfG) for FUN, FOOD, BEER and WINE and GUIDED TOURS**
Open end

Friday, 6th of December 2019

08.30 – 09.00 am **ARRIVAL + SNACKS**

09.00 – 09.45 am

KEYNOTE LECTURE III: Introduction Karin Scharffetter-Kochanek

Valery Krizhanovsky, Weizmann Institute of Science, Department of Molecular Cell Biology, Rehovot, Israel

Immune system controls dynamics of accumulation of senescent cells during ageing

09.45 – 11.00 am **Session 3: Tissue Chair: Natascia Ventura & Wolfgang Wagner**

09.45 – 10.00 am **Pallab Maity, Ulm University Medical Center**

A novel redox sensitive role of JunB in tissue homeostasis and aging

10.00 – 10.15 am **Arturo Bujarrabal Dueso, CECAD Cologne**

The DREAM complex functions as master regulator of somatic DNA repair capacities

10.15 – 10.30 am **Konstantinos Tsesmelis, Ulm University Medical Center**

Impact of astroglial redox imbalance on CNS homeostasis and age-associated neuro-degeneration.

10.30 – 10.45 am **Lars Bjoern Riecken, Leibniz Institute on Aging - FLI, Jena**

Lztr1-dependent mitochondrial dysfunction as mediator of sensory nerve pathologies

10.45 – 11.00 am **Vanessa Henkel, Goethe University, Frankfurt**

PaATG24, a sorting nexin involved in the control of autophagy, aging and development

11.00 – 11.30 am **COFFEE BREAK**

11.30 – 12.30 am **Session 4: Approaches Chair: Helen Morrison & Peter Tessarz**

11.30 – 11.45 am **Wolfgang Wagner, RWTH Aachen, Medical School**

New Targeted Approaches for Epigenetic Age Predictions

11.45 – 12.00 am **Dongsheng Jiang, Helmholtz Zentrum München**

Local and transient inhibition of p21 expression ameliorates age-related delayed wound healing

12.00 – 12.15 am **Cornelis Calkhoven, ERIBA-University Medical Center Groningen**

Health- and lifespan regulation by C/EBP β comes of age

12.15 – 12.30 am **Prerana Chaudhari, Leibniz Institute on Aging – FLI, Jena**

Unbiased screen for putative probiotics with health span extension properties

12.30 – 01.00 pm **FRITZ BOEGE PRIZES:
YOUNG INVESTIGATOR INNOVATIONS, POSTER and TALK AWARDS
CLOSING REMARKS**

01.00 – 01.30 pm **SNACKS**

01.30 – 02.30 pm **DGfA Member Assembly**