SYMPOSIUM

UNRAVELING QUIESCENCE FROM A CHROMATIN AND RNA PERSPECTIVE – SEP 12TH, 2024

9:45 Coffee & meet the participants (Foyer, Heinrich-Buff-Ring 17)

Session 1: Quiescence in different model systems

10:30 Welcome (Lecture Hall C5b, Heinrich-Buff-Ring 19)

10:40 **Aydan Bulut-Karslioglu**, Max Planck Institute for Molecular Genetics, Berlin
Safeguarding cellular identity at tough times

11:00 **Dominika Włoch-Salamon**, University of Krakow
Quiescence – an eco-evolutionary process that affects cellular heterogeneity in yeast Saccharomyces cerevisiae

11:20 **Sigurd Braun,** JLU Giessen
Genome re-organization and transcriptional regulation during starvation and entry into quiescence

11:50 **Keynote: Keisuke Goda**, University of Tokyo
Intelligent Image-activated cell sorting & beyond

12:45 Lunch break (Foyer)

Session 2: Chromatin regulation during differentiation

14:15 **Alexander Brehm**, University of Marburg
Interplay between chromatin regulators and zinc finger proteins in differentiation and stress responses in Drosophila

14:35 **Sandra Hake**, JLU Giessen
Functional secrets of the histone variant H2A.Z and its complex 'social networks'

14:55 **Andreas Krueger,** JLU Giessen
T-cell developmental dynamics as a model to understand switches between proliferative and non-proliferative cell states

15:15 Coffee break (Foyer)

Session 3: RNA regulation and biomolecular condensates

16:00 **Maria Hondele**, Biozentrum University of Basel
DEAD-box ATPases as regulators of biomolecular condensates and membrane-less organelles

16:20 **Cornelia Kilchert**, JLU Giessen
RNA 3'-end formation as a pivotal point in gene regulation

Session 4: Novel insights into quiescence at the single-cell level

16:40 **Jane Mellor,** University of Oxford
Deconstructing the yeast metabolic cycle provides insights into quiescence in single cells

17:00 **Gilles Charvin**, University of Strasbourg
Monitoring the single cell dynamics of entry into quiescence

17:20 Concluding remarks

17:30 Reception (Foyer)