

# Symposium

## Lab-Rotations WS 23/24



Master 'Molecular Cell and Developmental Biology'

Monday, October 02, 2023, starting at 5 pm  
in Lecture Hall F, Technikerstr. 25, upper floor

### Reception:

17:00 - 17:15 welcome words by Alexander Weiss

### Session 1: Model systems:

17:20 Feldmann, David (Rothbächer):

*Functional analysis of Ciona intestinalis larval adhesion*

17:30 Hellemans, Lore (Ladurner):

*The role of Kringle domain proteins in the bio-adhesion of Macrostromum nov.sp.*

17:40 Kolb, Philipp (Ladurner):

*Annotation of clusters from single cell RNA sequencing data of a new Macrostromum species by screening of marker genes via in situ hybridization*

17:50 Pötzl, Luis (Hautz-Neunteufel / Meyer):

*Establishing assessment tools to monitor organ function and pharmacokinetics for a drug testing and development platform in ex-situ perfused livers*

### Session 2: Immunology:

18:00 Dieringer, Jonathan (Rocamora Reverte / Weinberger):

*Identification of suppressive CD4+ Regulatory T cells in young and old age*

18:10 Fleischmann, Anna (Hagen):

*Characterization of CD4+/CD8+ double positive T cells*

18:20 Rungger, Katja (Hackl):

*Effects of intratumoral microbiota on antitumor immunity in ovarian cancer*

18:30 **Coffee Break:** optional if we have time...

### Session 3: Metabolism:

18:40 Campagnol, Sara (Edenhofer):

*Bridging the gap between epigenetic changes and DNA damage repair: The role of PHF2 in the ageing brain*

18:50 Giaquinta, Riccardo (Weiss):

*Cell-based in vitro screening of FAHD1 inhibitors*

19:00 Huber, Laura (Seretis / Jansen-Dürr):

*Role of FAHD1 in senescence of Immune cells: establishing new methods*

19:10 Löffler, Ferdinand (Kimmel):

*Transcriptomic profiling of normal versus diabetic retina to uncover mechanisms of glucotoxicity and retinal regeneration*

19:20 Mayer, Elena (Erlacher):

*How mRNA modifications at the start codon affect translation initiation*

### Flash-Talk awards

19:30-19:45 as judged by anonymous vote

### Poster Session:

20:00 21:00 poster session please, be present at your poster

21:00 Poster awards as judged by a jury

21:00 - 22:00 open poster session

