

## Basel Worm Meeting 2019

March 28<sup>th</sup>, 2019

Friedrich Miescher Institute for Biomedical Research (FMI), Maulbeerstrasse 66, Basel, Room 5.30

- 10:00**      **Coffee**
- 10:45-11:10**      **Chiara Azzi** (Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland)  
“*C.elegans* progenitor cell fate control through the EGR-type transcription factor LIN-29”
- 11:10-11:35**      **Sarah Becker** (IGBMC, Strasbourg, France)  
“Releasing the brake to swap identity: Novel players licensing the transdifferentiation initiation”
- 11:35-12:00**      **Benjamin Towbin** (Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland)  
“Organismal size control: Buffering inter-individual heterogeneity in growth rate”
- 12:00-13:00**      **Lunch Break**
- 13:00-14:00**      **Arantza Barrios** (University College London, UK)  
“**Integrating reward and aversion during learning**”
- 14:00-14:25**      **Kerstin Klinkert** (EPFL, Lausanne, Switzerland)  
“Aurora A depletion reveals centrosome-independent polarization mechanism in *C. elegans*”
- 14:25-14:50**      **Jan Padeken** (Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland)  
“Synergistic lethality between BRCA1 and H3K9me2 loss reflects satellite derepression”
- 14:50-15:15**      **Filipe Marques** (University of Fribourg, Switzerland)  
“A ‘forward optogenetics’ approach to discover general and neural pathway-specific nociception genes”
- 15:15-15:45**      **Coffee Break**
- 15:45-16:45**      **Thorsten Hoppe** (University of Cologne, Germany)  
“**Ubiquitin Sets the Timer: Coordination of Protein Homeostasis & Aging**”
- 16:45-17:10**      **Richard Venz** (ETH Zürich, Switzerland)  
“Reduction of TOR or global protein synthesis promotes longevity via preferential translation of ATF-5 and small heat shock proteins”
- 17:10-17:35**      **Thomas Heimbucher** (University of Freiburg, Germany, and Princeton University, NJ, USA)  
“PQM-1 controls hypoxic survival through lipid metabolism regulation”
- 17:35-18:00**      **Carla Cadena del Castillo** (Biozentrum, University of Basel, Switzerland)  
“PTCH is a cholesterol permease and regulates fatty acid composition in *C. elegans*”

The organizers:

*Iskra Katic  
Peter Meister  
Chantal Wicky*