PROGRAM
Thursday, May 16, 2019

12:00 check-in at the hotel and lunch

14:00 Welcome and Introduction by the chair Zuzana Koledova (Masaryk University, Czech Republic)

Postdoc Chairs: Vida Vafaizadeh (University of Basel, Switzerland) and Emilia Peuhu (University of Turku, Finland)

**14:05 – 15:45 Session 1: High resolution genomics and proteomics reveal mechanisms of mammary gland development and cancer**
Chair: Walid Khaled (University of Cambridge, UK)

14:05 – 14:30 Bhupinder Pal (Olivia Newton John's Cancer Research Institute, Australia)
“Using single cell genomics to study lineage relationships in mammary gland”

14:30 – 14:45 Discussion

14:45 – 15:10 Delphine Merino (Olivia Newton John's Cancer Research Institute, Australia)
“Genetic and optical barcoding to follow tumour and metastasis heterogeneity”

15:10 – 15:25 Discussion

15:25 – 15:50 Michaela Asp (KTH Royal Institute of Technology, Sweden)
“Spatial Transcriptomics - Bridging histology and RNA sequencing”

15:50 – 16:05 Discussion

16:05 – 16:25 Coffee Break

16:25 – 17:45 Session 2: Breast cancer signalling
Chair: Mohammed Bentires-Alj (University of Basel, Switzerland)

16:25 – 16:50 Chiara Francavilla (University of Manchester, UK)
“Proteomics analysis of proximal signalling in breast cancer cells”

16:50 – 17:05 Discussion

17:05 – 17:20 Rafal Sadej (Medical University in Gdansk, Poland)
“FGFR2-mediated signalling in steroid hormone-positive breast cancer cells: Implications for therapy and prognostication”

17:20 – 17:25 Discussion

17:25 – 17:40 Didier Picard (Université de Genève, Switzerland)
“Unexpected regulators of ERα transcriptional activity”

17:40 – 17:45 Discussion

17:45 – 19:00 Poster Session 1
19:00 – 20:15 Dinner
20:30 Poster Session 2
Friday, May 17, 2019

07:30 – 09:00 Breakfast

09:00 – 09:45 **Keynote lecture:** [Erik Sahai](#) (Francis Crick Institute, UK)  
“Interplay of breast cancer cells with the lung parenchyma”

09:45 – 10:00 Discussion

10:00 – 11:00 **Session 3: Preclinical models of breast cancer**  
Chairs: [Vida Vafaizadeh](#) (University of Basel, Switzerland) and [Emilia Peuhu](#) (University of Turku, Finland)

10:00 – 10:05 **Introduction by the Chairs**

10:05 – 10:35 [Sven Rottenberg](#) (University of Bern, Switzerland)  
“Studying mechanisms of drug resistance in mouse models of breast cancer”

10:35 – 10:50 Discussion

10:50 – 11:10 **Coffee Break**

11:10 – 11:35 [Chris Madsen](#) (Lund University, Sweden)  
“Tissue and ECM remodelling in cancer and metastasis”

11:35 – 11:50 Discussion

11:50 – 12:05 [Megan Thompson](#) (MCRC, The University of Manchester, UK)  
“Investigating NOTCH4 signalling mechanisms to better inhibit breast cancer stem cells activity”

12:05 – 12:10 Discussion

12:10 – 12:25 [Matthew Boucher](#) (EMBL Heidelberg, Germany)  
“Assessing metabolic heterogeneity in breast cancer cells during minimal residual disease formation using a ratio-metric based fluorescent sensor for NAD+/NADH”

12:25 – 12:30 Discussion

12:20 – 13:45 Lunch

13:45 – 18:00 Afternoon Trip to Riggi

18:00 Dinner

19:15 Poster Session 3

21:00 Party
Saturday, May 18, 2019

07:30 – 09:00  Breakfast

09:00 – 11:25  Session 4: Mammary gland development: Insights into tissue morphogenesis  
Chair: Marja Mikkola (University of Helsinki, Finland)

09:00 – 09:25  Jeremy BA Green (King’s College London, UK)  
“The cellular basis of ectodermal organ morphogenesis”

09:25 – 09:40  Discussion

09:40 – 10:05  Stephano De Renzis (EMBL Heidelberg, Germany)  
“Optogenetic control of tissue morphogenesis”

10:05 – 10:20  Discussion

10:20 – 10:40  Coffee Break

10:40 – 10:55  Salah Elias & Maria Fankhaenel (University of Southampton, UK)  
“Investigating novel mechanisms that regulate oriented cell division in mammary stem cells”

10:55 – 11:00  Discussion

11:00 – 11:15  Alessia Centonze & Shuheng Lin (Université Libre de Bruxelles, Belgium)  
“Heterotypic cell-cell communication regulates multipotency in glandular epithelial stem cells”

11:15 – 11:20  Discussion

11:20 – 11:40  General Discussion and Prize Award Ceremony

11:45  Lunch (optional) and Departure

13:12 – 13:47  Boat transfer Weggis - Luzern