



13th ENBDC workshop

Methods in mammary gland biology and breast cancer April 28-30, 2022, Weggis, Switzerland

Meeting Organizer: Beatrice Howard (The Institute of Cancer Research, London, UK)
co-Organizer: Jos Jonkers (Netherlands Cancer Institute, Amsterdam, Netherlands)

Postdoc Chairs: Jakub Sumbal (Masaryk University, Brno, Czech Republic and Institut Curie, Paris, France) and Alecia-Jane Twigger (Cambridge University, Cambridge, UK)

Thursday, April 28, 2022

- 12:00 check-in at the hotel and lunch
- 14:00 Introduction: Chair – **Beatrice Howard** (The Institute of Cancer Research, London, UK)
- 14:05-14:45 Keynote lecture – Louise Jones** (Barts Cancer Institute, London, United Kingdom)
“Progression of ductal carcinoma in situ to invasive breast cancer “
- 14:45-15:00 Discussion
- 15:00-16:40 Session 1: New models for studying mammary development**
Chair: Renée van Amerongen (University of Amsterdam, Netherlands)
- 15:00-15:25 **Biancastella Cereser** (Imperial College, London, UK)
“Mutational landscapes of normal breast during age and pregnancy determine cancer risk”
- 15:25-15:40 Discussion
- 15:40-16:05 **Adrian Ranga** (KU Leuven, Leuven, Belgium)
“Mammary epithelial morphogenesis in 3D combinatorial microenvironments”
- 16:05-16:20 Discussion
- 16:20-16:40 **Break**



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16:40-18:00 **Session 2: Reprogramming and metabolism in breast cancer**
Chair: Leander Blass (Karolinska Institute, Stockholm, Sweden)

16:40-17:05 **Andrea Morandi** (University Florence, Florence, Italy)
"Metabolic deregulation and reprogramming in breast cancer"

17:05-17:20 Discussion

17:20-17:35 **Short talk 1**
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17:35-17:40 Discussion

17:40-17:55 **Short talk 2**
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17:55-18:00 Discussion

18:00-19:00 **Apéro and Poster Session 1**

19:00-20:15 Dinner

20:30 **Poster Session 2**



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Friday, April 29, 2022

07:30- 09:00 Breakfast

09:00-12:00 Session 3: New models for studying specific types of breast cancer
Chair: Momo Bentires-Alj. University of Basel, Basel, Switzerland

09:00-09:25 **George Sflomos** (EPFL, Lausanne, Switzerland)
"Xenograft models of lobular breast cancer"

09:25-09:40 Discussion

09:40-10:05 **Jos Jonkers** (Netherlands Cancer Institute, Amsterdam, Netherlands)
"Genetically engineered mouse models of lobular breast cancer"

10:05-10:20 Discussion

10:20-10:40 **Break**

10:40-11:05 **Céline Vallot** (Institut Curie, Paris, France)
"Epigenomic evolution of triple negative breast cancers"

11:05-11:20 Discussion

11:20-11:35 **Short talk 3**
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11:35-11:40 Discussion

11:40-11:55 **Short talk 4**
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11:55-12:00 Discussion

12:20-14:00 **Lunch**



Afternoon Trip to Rigi

18:00 Dinner

19:15 **Poster Session 3**

21:00 Party



Saturday, April 30, 2022

- 07:30-09:00 Breakfast
- 09:00-11:25 **Session 4: Lactation**
Chairs: Jakub Sumbal (Masaryk University, Brno, Czech Republic and Institut Curie, Paris, France)
and Alecia-Jane Twigger (Cambridge University, Cambridge, UK)
- 09:00-09:05 **Intro by the Chairs**
- 09:05-09:30 **Felicity Davis** (Aarhus University, Aarhus Denmark)
"Imaging of cell dynamics in the functionally mature mammary gland"
- 09:30-09:45 Discussion
- 09:45-10:10 **Geula Hanin** (Cambridge University, Cambridge, UK)
"Epigenetic control of lactation"
- 10:10-10:25 Discussion
- 10:25-10:45 Break
- 10:45-11:00 **Short talk 5: Aurelie Chiche** (Institut Pasteur, Paris, France)
"Mammary Organoid System to Model Lactation and Involution-like Processes"
- 11:00-11:05 Discussion
- 11.05-11.20 **Short talk 6**
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- 11:20-11:25 Discussion
- 11:25-11:45 General Discussion and Poster Prize
- 11:45 Lunch (optional) and Departure