10th ENBDC workshop

Methods in mammary gland biology and breast cancer
March 15-17, 2018, Weggis, Switzerland

Meeting Organizer
Eva Gonzalez Suarez

Postdoc Chairs: Karsten Bach (University of Cambridge, UK) and Johanna Englund (University of Helsinki, Finland)

Thursday, March 15, 2018

12:00 check-in at the hotel and lunch

14:00 Introduction: Chair – Eva Gonzalez Suarez (IDIBELL, Barcelona)

14:05-15:00 KEYNOTE LECTURE – Zena Werb (UCSF, San Francisco)

15:00-17:20 Session 1: Biomechanics and Imaging

15:00-15:40 Pere Roca-Cusachs (IBEC, Barcelona)
“Sensing tissue stiffness: transducing mechanical signals from integrins to the nucleus”

15:40-16:20 Colinda Scheele (Hubrecht Institute, The Netherlands)
“Dynamics of mammary gland development”

16:20-16:40 Break

16.40-18.40 Session 2: Mechanisms of mammary tumorigenesis

16:40-17:20 Marie Ange Deugnier (Institut Curie, Paris)
“Podoplanin regulates mammary stem cell function and tumorigenesis by modulating Wnt/beta-catenin signaling”
17:20-18:00  Martin Jechlinger (EMBL, Heidelberg)  
"Modeling breast cancer therapy and recurrence"

18:00-18:20  Short talk 1  
Francoise Lenfant (INSERM, Toulouse)  
MUTATION OF PALMITOYLATION SITE OF ESTROGEN RECEPTOR ERα ALTERS THE REGENERATIVE POTENTIAL OF MAMMARY EPITHELIAL SUBPOPULATIONS

18:20-18:40  Short talk 2  
Anne Marthe Fosdahl (Oslo University Hospital)  
BREAST TUMORS BECOME RESISTANT TO ENDOCRINE THERAPY BY ER-INDEPENDENT MECHANISMS TRIGGERED BY THE COORDINATED ACTIVITIES OF RTKS AND FOXA1

18:40-20:15  Dinner

20:15  Poster Session 1
Friday, March 16, 2018

07:30-09:00 Breakfast

09:00-11:20 Session 3: Tumor immunology
Chairs:

09:00-09:40 Jeff W Pollard (The Queen’s Medical Research Institute, Edinburgh)
“Macrophage maleficence in cancer”

09:40-10:20 Christophe Caux (Centre Leon Berard, Lyon)
“Mechanisms of Treg mediated suppression in breast tumors”

10:20-10:40 Break

10:40-11:20 Karin de Visser (Netherlands Cancer Institute, Amsterdam)
“The genetic makeup of primary breast tumors dictates pro-metastatic systemic inflammation”

11:20-11:40 Short talk 3
Flavia Fico (Tumor Ecology Lab, University of Fribourg)
CANCER STEM CELLS IMMUNOMODULATORY ACTIVITIES SHAPE THE FATE OF BREAST TUMORS.

11:40-12:00 Short talk 4
Guillermo Yoldi (IDIBELL, Barcelona)
ROLE OF RANK SIGNALING IN TUMOR IMMUNE SURVEILLANCE

12:20-14:00 Lunch

Afternoon Trip

18:00 Dinner

19:15 Poster Session 2

21:00 10th year anniversary party
**Saturday, March 17, 2018**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>07:30-09:00</td>
<td>Breakfast</td>
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<tr>
<td>09:00-11:25</td>
<td>Session 4: Postdoc session Tumor Microenvironment</td>
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<td>09:00-09:05</td>
<td>Intro by the Chairs</td>
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<td>Karsten Bach (University of Cambridge, UK) and Johanna Englund (University of Helsinki, Finland)</td>
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<td>09:05-09:45</td>
<td>Charles Streuli (Manchester Breast Center, UK)</td>
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<td>“Microenvironmental control of tumour initiation and circadian clocks in the breast”</td>
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<td>09:45-10:25</td>
<td>Xiang Zhang (BCM, Houston, USA)</td>
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<td>“One microenvironment does not fit all - inter-tumoral heterogeneity of myeloid cells and its impact on immunotherapy”</td>
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<td>10:25-10:45</td>
<td>Break</td>
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<td>10:45-11:05</td>
<td>Short talk 5</td>
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<td>Alessia Centonze (Laboratory of Stem Cells and Cancer, Université Libre de Bruxelles)</td>
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<td>DEFINING THE MECHANISMS REGULATING THE MULTIPOTENT CELL FATE REACTIVATION OF MAMMARY GLAND STEM CELLS</td>
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<td>11:05-11:25</td>
<td>Short talk 6</td>
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<td>Sara Pensa (Department of Pharmacology, University of Cambridge)</td>
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<td>BCL11A MARKS MAMMARY LUMINAL PROGENITOR CELLS THAT ARE SUSCEPTIBLE TO NEOPLASTIC TRANSFORMATION</td>
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<td>11:25-12:05</td>
<td>Keynote: Momo Bentires Alj (DBM, University of Basel, Switzerland)</td>
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<td>&quot;Cancer targeted therapy and tumor heterogeneity: Act locally, think globally&quot;</td>
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<td>12:05-12:15</td>
<td>General Discussion and Poster Prize</td>
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<td>12:15</td>
<td>Lunch (optional) and Departure</td>
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