EUROPEAN NETWORK OF BREAST DEVELOPMENT AND CANCER LABS

# 17th ENBDC workshop

# Methods in mammary gland biology and breast cancer

## April 16-18, 2026, Weggis, Switzerland

### Meeting Organizers

Chair: **Therese Sorlie**, Phd, Group Leader, Oslo University Hospital, Norway
Co-chair: **Colinda Scheele,** Phd, Group Leader, VIB Center for Cancer Biology, KU Leuven

Postdoc Chair: **Colin Ratcliffe,** The Francis Crick Institute, London
PhD Chairs: **Brigida Novello,** Université libre de Bruxelles (ULB), Brussels
**Kriti Attri**, Institute of Molecular Genetics of the Czech Academy of Sciences, Prague

# ECR Wednesday, April 15, 2026

## Students workshop organized by Postdoc and PhD chairs

12:00-14:00 check-in at the hotel and lunch

**14:00-14:05** Welcome remarks

**14:05-15:05** **Session 1** - 4 talks selected from abstracts

**Rebecca Wagner -** *"Vimentin is essential for the stable maintenance of basal mammary epithelial cell identity and ductal outgrowth during mammary gland development"*

**Kriti Attri -** *"Deciphering the regulation and function of contractile fibroblasts in the developing mammary gland"*

**Erin Durston- Hillyer -** *"Uncovering the roles of collagen VI in normal breast tissue stiffness, signalling and proliferation"*

**Katy Bradley –** *"From structure to function: bridging imaging and transcriptomics to study breast tumour initiation at tissue scale"*

15:05-15:35 Coffee break

**15:35-16:20** **Session 2** - 3 talks selected from abstracts

**Jasper Zweistra -** *"Understanding single cell dynamics of branching in mammary gland organoids using cell tracking and automated microscopy"*

**Celina Junker -** *"Same protein, different outcomes: YAP/TAZ in malignant and non-malignant cells"*

**Marija Zarocsinceva -** *"Targeting Premalignant Mammary States for Early Intervention in High-Risk Breast Cancer"*

**16:20-17:00** Talk and conversation with **Bethan Lloyd-Lewis,** University of Bristol, UK

17:00 Break/Walk around town

18:30 Dinner

20:00 Social activity

# ECR Thursday, April 16, 2026.

## Morning Postdoc and PhD program.

07:30-09:00 Breakfast

**09:00-10:00** Introduction to meditation session with Karma (sign-up required)

**10:15-11:00** **Sessions 3** - 3 talks selected from abstracts

**Grace Eckersley -** *"Multiomic Evaluation of Differential Drug Response in Metastatic Breast Cancer"*

**Elisabetta Romano -** *"Targeting LIPH-mediated signalling potentiates CDK4/6 inhibition in ER+ breast cancer"*

**Sandra Tavares -** *"Multi-omics on TNBC organoids identifies phosphorylation of the membrane trafficking machinery as key event during FER-mediated invasion"*

11:00-11:20 Coffee break

**11:20-12:00** Talk and conversation with **Nils Halberg,** QIMR Berghofer, Australia

# Thursday, April 16, 2026

## *Start of workshop*

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| 12:00 | check-in at the hotel and lunch |
| 14:00 | **Introduction: Chair – Therese Sorlie** |
| **14:05-17:30** | **Session 1: Insights into breast cancer metabolism** Chair: Therese Sørlie |
| 14:05-14:30 | **Speaker 1 - Peter Kreuzaler,** CECAD, Cologne, Germany |
| | *"Metabolically optimising T cells in cancer immunotherapy"* |
| 14:30-14:45 | Discussion |
| 14:45-15:00 | **Short Talk 1- Brigida Novello,** Université Libre de Bruxelles, Belgium |
| | *"Defining the role of the inflammation during mammary gland development and tumorigenesis"* |
| 15:00-15:05 | Discussion |
| **15:05-15:45** | **Keynote lecture**: **Sarah-Maria Fendt**, KU Leuven, Belgium |
| | *"Metabolic rewiring driving metastasis formation"* |
| 15:45-16:00 | Discussion |
| **16:00-16:30** | Break (and Poster hanging- odd & even) |
| 16:30-16:45 | **Short talk 2 – Adersh S Nair,** Indian Institute of Science, Bangalore, India |
| | *"Investigating the role of AMPK in regulating the metabolism of lactating murine mammary gland"* |
| 16:45-16:50 | Discussion |
| 16:50-17:15 | **Speaker 2 - Nils Halberg**, QIMR Berghofer, Australia |
| | *"When Giants Collide: Linking Obesity and Cancer"* |
| 17:15-17:30 | Discussion |
| 17:30- 18:00 | free time and poster hanging (odd & even) |
| **18:00-19:30** | **Apéro & Dinner** |
| **20:00- 22:00** | **Poster Session 1 – Odd numbers present** |

# Friday, April 17, 2026

07:30- 09:00 Breakfast

**09:00-12:00 Session 2: Precision medicine in breast cancer** Chair: Colinda Scheele

09:00-09:25 **Speaker 3 - Erik Sahai,** The Francis Crick Institute, UK

*"The biology of breast cancer liver metastases"*

09:25-09:40 Discussion

09:40-09:55 **Short talk 3 – Eva Chrenková,** Medical University of Vienna, Austria

*"Spatial and Functional Profiling of Epithelial–Mesenchymal Plasticity in Metastatic Breast Cancer"*

09:55-10:00 Discussion

10:00-10:15 **Short talk 4 – Jing Lu**, University of Turku, Finland

*"Gateways to invasion: Investigating the 3D tumour architecture and immune interactions in the progression of pre-invasive breast cancer"*

10:15-10:20 Discussion

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

10:40-11:05 **Speaker 4 – Johan Staaf**, Lund University Cancer Centre, Sweden

*"Multi-omic characterisation of breast cancer subtypes"*

11:05-11:20 Discussion

11:20-11:35 **Short talk 5 – Marta Palafox Sanchez,** University Hospital Basel, Switzerland

*"Generation of breast cancer patient-derived xenograft models for preclinical research"*

11:35-11:40 Discussion

11:40-11:55 **Short Talk 6 – Ana Sofia Ribeiro,** i3s - Porto, Portugal

*"Xenograft-Derived Tumor Organoid Secretomes for Precision-Guided Circulating Biomarker Discovery in Breast Cancer"*

11:55-12:00 Discussion

**12:00-13:00 Lunch**

13:30 Afternoon Trip to Rigi or other social outing/hike

**18:00 Dinner**

19:00 **Poster Session 2 – Even numbers present**

21:00 Social Event

# Saturday, April 18, 2026

07:30-09:00 Breakfast, **check out and posters removal**

**09:00-11:45 Session 3: Breast cancer cell fate and function** **Chair: Andrea Morandi**

**09:00-09:25** **Speaker 5 – Amber Wezenaar**, Princess Máxima Center & Oncode Institute, Utrecht, NL

*"Visualizing engineered T cell function in breast cancer organoids using a 3D imaging- transcriptomics platform"*

09:25-09:40 Discussion

**09:40-10:05** **Speaker 6 – Bethan Lloyd-Lewis,** University of Bristol, UK

*"To live or die: investigating mammary epithelial cell fate outcomes during tissue development and turn-over"*

10:05-10:20 Discussion

10:20-11:00 **Break and group picture**

**11:00-11:30** General Discussion

11:30-11:45 **DeOme and Poster Prizes Ceremony**

11:45 End of the Workshop

12:00 **Lunch (optional) and Departure**

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