

Fifth Annual ENBDC workshop:
Methods in mammary gland biology and breast cancer
April 25-27, 2013 - Weggis, Switzerland

GENERAL INFORMATION

Chair: Rob Clarke

Co-Chairs: Momo Bentires-Alj and Maria del Mar Vivanco

Conference Venue/Hotel:

Seminar Hotel Rigi am See

Seestrasse 563/55

CH-6353 Weggis

www.hotelrigi.ch

Phone: +41 (0)41 392 0 392

Directions:

From Zurich Airport

There is a train station at Zurich airport with direct trains to Lucerne (or change at Zurich). On the lake quayside opposite Lucerne station, there is the boat to Weggis (travel time approx. 40 min).

Alternatively, travel by train from Lucerne to Küssnacht am Rigi and then by Bus No 2 (to Weggis) and get off at the bus stop Dörfli (takes about 12 minutes. Bus to Weggis from Küssnacht am Rigi are every 30 minutes (leaving .04 and .34). When you get off the bus, take the road direction to the lake where the Hotel Rigi am See is located.

For additional train times please check www.sbb.ch. This website is also available in English

Journey by car

Use the motorway Zug-Schwyz and get off at exit Küssnacht. After that, drive in direction of Weggis/Brunnen. At the entry to the village Weggis use the first possibility to turn right (roundabout), drive towards the lake (direction Herthenstein. You will cross the street "Seestrasse") and there you will directly reach the parking lot of the hotel.

15-4-13

Workshop Programme

25.4.11 Thursday

Morning arrival at Seminar-Hotel Rigi am See

12:00-14:00 Registration and Lunch

14.00-14.05 **Welcome Introduction** Rob Clarke (University of Manchester, UK)

14:05-14:45 **Keynote: Jeff Rosen** (Baylor College of Medicine, Houston, USA) "Long ncRNAs: The Next Frontier in Breast Cancer"

14.45-14.55 Discussion

14.55-15.55 *Session 1: The Metastatic Microenvironment* **(Chair: Rob Clarke)**

14:55-15:25 Swarnali Acharyya (Memorial Sloan-Kettering Cancer Center, New York, USA) "Dissecting the metastatic tumor microenvironment in breast cancer models"

15.25-15.35 Discussion

15:35-15:50 Short Talk: Rachel Eyre (Paterson Institute for Cancer Research, Manchester, UK) "Patient derived models of breast cancer metastasis"

15.50-15.55 Discussion

15:55-16:20 Coffee Break

16:20-16:50 Albert Santamaria i Martínez (Swiss Institute for Experimental Cancer Research, Lausanne, Switzerland) "Exploring the cancer stem cell niche in breast cancer metastasis"

16.50-17.00 Discussion

17:00-18:20 *Session 2: Lineage tracing in the mammary gland:* **(Chair: John Stingl)**

17:00-17:30 Alexandra van Keymeulen (Université Libre de Bruxelles, Brussels, Belgium) "Defining the cellular hierarchy of the mammary gland by lineage tracing"

17.30-17.40 Discussion

17:40-18:10 Renée van Amerongen (Netherlands Cancer Institute, Amsterdam, The Netherlands) "Developmental stage and time dictate the fate of Wnt/ β -catenin-responsive stem cells in the mammary gland"

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18.10-18.20 Discussion

18:30-20:00 Dinner

20:00 Poster Session 1

26.04.11 Friday

07.30-09.00 Breakfast

09.15-12.00 *Session 3: Breast tumour heterogeneity*
(Chair: Momo Bentires-Alj)

09:15-09:45 Anne-Lise Borresen-Dale (Institute for Cancer Research, Oslo, Norway) "Inter- and intra-tumor heterogeneity; role in breast cancer development and treatment resistance"

09.45-09.55 Discussion

09:55-10.25 Peter Van Loo (Wellcome Trust Sanger Institute, Cambridge, UK) "Studying intra-tumor heterogeneity by massively parallel sequencing"

10.25-10.30 Discussion

10:30-11:00 Coffee Break

11.00-11:15 Short talk: Fabienne Meier-Abt (FMI, Basel, Switzerland) "Long-term effects of early pregnancy on the gene expression and properties of mammary epithelial cell subpopulations in mice"

11.15-11.20 Discussion

11:20-11:35 Short talk: Eva Gonzalez-Suarez (IDIBELL, Barcelona, Spain) "Constitutive activation of rank in the mammary gland disrupts luminal and basal cell fate leading to tumorigenesis"

11.35-11.40 Discussion

11:40-11:55 Short talk: John Stingl (Cancer Research UK, Cambridge, UK) "Mammary myoepithelial cells can acquire stem cell properties"

11.55-12.00 Discussion

12:00-13:30 Lunch

13:30-18:30 Organized Activity

18:30-20:00 Dinner

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20:00 Poster session 2

27.04.11 Saturday

07.30-09.00 Breakfast

09:00-12:00 ***Session 4: Cancer metabolism (Chair: Maria dM Vivanco)***

09:00-09:30 Michael Lisanti (Breakthrough Breast Cancer, University of Manchester, UK) "Changing the Cancer Paradigm: Two Compartment Tumor Metabolism"

09.30-09.40 Discussion

09:40-10:10 Dimitris Anastasiou (MRC National Institute for Medical Research, London, UK) "Current trends in studying cancer metabolism"

10.10-10.20 Discussion

10:20-10:50 Coffee Break

10:50-11:05 Short talk: Roderick Lim (Biozentrum and the Swiss Nanoscience Institute, Basel, Switzerland) "The nanomechanical signature of breast cancer"

11.05-11.10 Discussion

11:10-11:25 Short talk: Jos Jonkers (NKI, Amsterdam, The Netherlands) "Rapid in vivo validation of cancer genes and drug targets using ES cells derived from mouse models of human breast cancer"

11.25-11.30 Discussion

11:30-12:00 General Discussion and Conclusions

12:00 Lunch and Departure