



EU-LIFE Scientific Meeting

Principles of Homeostasis

MDC, Berlin, 22nd-23rd May 2017

INTRODUCTION

EU-LIFE is an alliance of 13 European top research centers in the life sciences to promote scientific excellence (<http://eu-life.eu>). Its annual scientific meeting aims at fostering interaction and scientific exchange across the EU-LIFE research community under the umbrella of a common topic.

The upcoming meeting in 2017 will focus on the principles of homeostasis. Biological systems are faced with the challenge to thrive despite continuous internal and external perturbations. They have therefore evolved a multitude of regulatory mechanisms to ensure homeostasis. Importantly, impaired homeostasis is also a hallmark of many diseases. The goal of this meeting is to feature the wealth of exciting research projects and available technologies within EU-LIFE to study the principles of homeostasis. Sessions will cover transcriptional and posttranscriptional gene expression control, proteostasis, metabolic regulation as well as disease mechanisms (e.g. in cancer).

The format of tandem talks was pioneered in previous meetings. Two scientists from different EU-LIFE centers will team up and reflect different aspects of a certain topic. Selected keynote talks, poster sessions, speed talks of young researchers and lunch & learn sessions will round off the program.

Participate in the EU Life scientific meeting, explore and think “out of the box”, learn about hottest technologies, get inspired by other fields, build your own research network and create opportunities for your next career step!

PRELIMINARY PROGRAM

Monday, May 22	
08:15-09:15	Hotel pick-up and transportation to MDC
09:15-09:30	Registration
09:30-09:40	Thomas Sommer, Deputy Scientific Director, MDC, Berlin <i>Welcome</i>
09:40-10:50	Gabriele Bergers, VIB, Leuven <i>Keynote "Dysregulation of Vascular and Immune Homeostasis in Cancer"</i> Holger Gerhardt, MDC Berlin /VIB Leuven <i>"Mechanisms in Vascular Patterning – a tale of fate and forces"</i>
10:50-11:20	Flash poster presentation (20 x 1 min each)
11:20-11:50	Coffee break
11:50-12:30	Allison Bardin, Institute Curie, Paris <i>"Adult Stem Cell Genome Stability"</i> Claus Sørensen, BRIC, Copenhagen <i>"New Mechanisms Guarding Genome Integrity"</i>
12:30-12:50	Luis Teixeira, IGC, Oeiras <i>"Maintenance of mutualism in host-symbiont interactions"</i>
12:50-14:50	Lunch break & poster session
14:50-15:10	Pia Kvistborg, NKI, Amsterdam <i>"Properties of T Cell recognised Neo-Antigens"</i>
15:10-15:30	2 selected short presentations (2x 7 min each)
15:30-16:10	Janine Terra Erler, BRIC, Copenhagen <i>"Disruption of Bone Homeostasis during Cancer Progression"</i> Leila Akkari, NKI, Amsterdam <i>"Modulating the Myeloid Cell Response in Radiation-Treated Gliomas to Circumvent Tumor Recurrence"</i>
16:10-16:30	Coffee break
16:30-17:10	Ana Domingos, IGC, Oeiras <i>"A Sympathetic View on Fat Homeostasis"</i> Rafal Ciosk, FMI, Basel <i>"Regulation of Body Fat"</i>
17:10-17:30	2 selected short presentations (2x 7 min each)
17:30-17:50	Diego Pasinin, IEO, Milano <i>"The Complex Network of Polycomb-mediated Transcriptional Control in Regulating Cell Identity and Tissue Homeostasis"</i>
17:50-18:10	2 selected short presentations (4x 7 min each)
18:30	Buffet at MDC and transport to hotels

Tuesday, May 23	
08:15-09:15	Hotel pick-up and transportation to MDC
09:30-10:10	Genevieve Almouzni, Institute Curie, Paris <i>Keynote "Shaping Chromatin in the Nucleus, the Bricks and the Architects"</i>
10:10-10:30	Tiziana Bonaldi, IEO, Milano <i>Topic tbd.</i>
10:30-10:50	Coffee break
10:50-11:10	Susan Gasser, FMI, Basel <i>"Homeostasis of Repressive Chromatin"</i>
11:10-11:30	Jing Tang, FiMM, Helsinki <i>"Network Pharmacology Modeling to Facilitate the Discovery of Personalized Drug Combinations in Cancer"</i>
11:30-11:50	Jörg Menche, CeMM, Vienna <i>"Understanding Drug-Drug Interactions through High-Content Imaging"</i>
11:50-13:50	Lunch break / Lunch & learn sessions Choice of lunch & learn sessions to join: <ul style="list-style-type: none"> • Consideration of the Sex/Gender Dimension of Research Chair (tbc): Sabine Oertelt-Prigione, Institute of Gender in Medicine, Charité • A Short Guide to Writing a Marie Skłodowska-Curie Fellowship and other European Grant Applications Chair: Ionannis Legouras, Grant Department, MDC • Single Cell Sequencing Chair: Sascha Sauer, Scientific Genomics Platform, MDC • Circular RNA Chair: Nikolaus Rajewsky, MDC/BIMSB • How Postdocs Can Engage in Peer Reviewing Speaker: Jennifer McLennan, elife
13:50-14:30	Martin Turner, Babraham Institute, Cambridge <i>"RNA Binding Proteins in Lymphocyte Development and Activation"</i> Fatima Gebauer, CRG, Barcelona <i>"Role of RNA Binding Proteins in Metastasis"</i>
14:30-14:50	Roland Schwarz, MDC, Berlin <i>"The Role of Chromosomal Instability in Cancer Fitness and Progression"</i>
14:50-15:10	Matthias Selbach, MDC, Berlin <i>"A Peptide-based Interaction Screen on Disease Related Mutations"</i>
15:10-15:15	Wrap-up/ end of scientific meeting