



# SCIENTIFIC CROSSTALK

organized by students of the Graduate  
School of Life Sciences

## Special Guest: Armand Leroi

Imperial College London

## Erik Danen

University of Leiden

## Michael Hoch

University of Bonn

## Bennett van Houten

University of Pittsburgh

## Matthias Kieslinger

Helmholtz Center Munich

## Jim Norman

Beatson Institute for Cancer Research, Glasgow

## Peter Reeh

University of Erlangen-Nürnberg

## Kari Saikkonen

University of Turku, Jokioinen

## Dietmar Vestweber

MPI for Molecular Biomedicine, Münster

09:00 **WELCOME** by the committee

09:15 **Kari Saikkonen**

Fungal endophytes - ubiquitous plant mutualists?

09:50 **Oliver Konopik**

Diversity and ecosystem functioning in  
bornean oil palm plantations: a 'frog's eye'  
perspective

10:05 **Bennett van Houten**

Watching DNA repair, one molecule at a  
time: the use of single molecule techniques  
to investigate nanomachines

10:40 – Coffee Break –

11:10 **Carolyn Delto**

A complex story - how the oligomeric state  
governs the function of the protein muskelin

11:25 **Peter Reeh**

Nociceptors in pain and in other functions

12:00 **Egle Mambretti**

Mu opioid receptor (MOR) localization in  
peripheral sensory axons: a novel target for  
regional anesthesia

12:15 – Lunch –

13:45 **Matthias Kieslinger**

Regulation of an osteoblastic niche for  
hematopoietic stem cells

14:20 **David Fecher**

Development of a 3D tissue engineered lung  
tumor testsystem

14:35 **Dietmar Vestweber**

Endothelial junctions in vascular permeability  
control and leukocyte extravasation

15:10 **Melanie Hein**

*In vitro* differentiation of Hey deficient endothelia

15:25 – Coffee Break -

16:00 **Poster Session I**

Posters with odd numbers

09:00 **Erik Danen**

Omics integration to unravel genotoxic signaling  
networks

09:35 **Annegrit Seifried**

The secrets of phosphatase specificity

09:50 **Jim Norman**

Integrin trafficking in cancer cell migration and  
invasion

10:25 – Coffee Break –

10:45 **Poster Session II**

Posters with even numbers

12:30 – Lunch –

13:30 **Simon Stritt**

Microthrombocytopenia and impaired platelet  
integrin function in conditional Profilin1-deficient  
mice

13:45 **Michael Hoch**

Cross regulation of metabolism and innate  
immunity in drosophila

14:20 **Eva Herter**

Myc activates a novel class of non-coding RNAs  
to promote cellular growth

14:35 – Coffee Break –

15:00 **Career Session**

Alessandra Gilardini (Freelance medical writer)  
Sarah Hemer (Kantar Health)  
Christina Janista (Boehringer Ingelheim)  
Katrin Paeschke (Group leader, University of  
Wuerzburg)  
Beatrix Weber (Westermann publishing)

17:00 **AWARDS** and closing remarks

17:30 **Armand Leroi**

How music evolves

21:00 **Symposium Party at Markt 7**

Happy Hour all night!!!