

40 YEARS OF FINDING OUT

Wednesday, 5th November 2025, IMP LH

09:00–09:40 **Opening remarks and podium discussion**
Meinrad Busslinger, Ida Jentoft, Andrea Pauli,
Jan-Michael Peters, Giulio Superti-Furga

Session 1 chaired by Diana Pinheiro

09:40–10:00 **Luisa Cochella**, Johns Hopkins University
Less is more: miRNA mediated repression during animal development

10:00–10:20 **Evgeny Kvon**, University of California, Irvine
Long-range gene regulation in development and disease

10:20–10:40 **Sara Buonomo**, University of Edinburgh
Heterochromatin inheritance through mitosis

10:40–11:10 Coffee break

Keynote chaired by Jan-Michael Peters

11:10–11:40 **Keynote by Kim Nasmyth**, University of Oxford
Building and protecting sister chromatid cohesion

Session 2 chaired by Sven Klumpe

11:40–12:00 **Ester Morreale**, Francis Crick Institute
BacPROTAC antibiotics: recycling failed inhibitors into effective degraders

12:00–12:20 **Mark Petronczki**, Boehringer Ingelheim
From flies and yeast to drug discovery

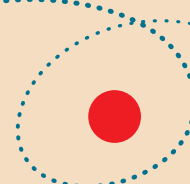
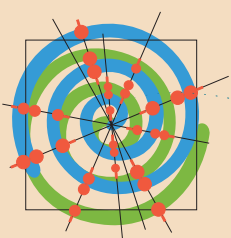
12:20–13:15 Lunch break

13:15–15:00 **Birnstiel Award Ceremony**
Chaired by Meinrad Busslinger

Marleen Bérouti, Ludwig-Maximilians-Universität München
How pseudouridine RNA avoids detection by Toll-like receptors 7 and 8
Announced by Moritz Gaidt

Vojislav Gligorovski, École Polytechnique Fédérale de Lausanne
In vivo directed evolution of switchable proteins
Announced by David Haselbach

Jimmy Ly, Massachusetts Institute of Technology
Unveiling the secrets of the dark proteome
Announced by Andrea Pauli



Sarah Moser, Netherlands Cancer Institute
*New dimensions of the DNA damage response: How Histone recycling shapes
PARP inhibitor resistance*
Announced by Johannes Zuber

Shirsha Saha, Indian Institute of Technology Kanpur
*Molecular mechanism of distinct chemokine engagement and functional
divergence of the human Duffy antigen receptor*
Announced by Clemens Plaschka

Eric Sun, Stanford University
Decoding brain aging at spatial and single-cell resolution with machine learning
Announced by Alexander Stark

15:00–15:30 Coffee break

Session 3A chaired by Joris van der Veeke

15:30– 15:50 **Donal O'Carroll**, University of Edinburgh
Safeguarding germline immortality

15:50–16:10 **Emmanuelle Passegue**, Columbia University
*Hematopoietic stem cell through the ages: A lifetime of adaptation to
organismal demands*

Session 3B chaired by Francisco Balzarotti

16:10–16:30 **Antoine Peters**, FMI Basel
*Mechanisms of intergenerational epigenetic inheritance and reprogramming
in mammals*

16:30–16:50 **Alipasha Vaziri**, Rockefeller University
*Geometry of neuronal population dynamics using cortex-wide volumetric
recording of neuroactivity at cellular resolution*

Keynote chaired by Anna Obenauf

16:50–17:20 **Keynote by Michael Bronstein**, AITHYRA
Catching the falling apples: life science in the age of AI

17:30 Wine and Cheese reception

18:30 *Mentoring workshop in the IMP cafeteria (please sign up if interested)
part of the Vienna BioCenter PhD Symposium Alumni Edition*

