

YOUNG SCIENTISTS' SATELLITE MEETING PROGRAM

WEDNESDAY 12.02.2020, 12:30 – 17:30

12:30 – 13:00

REGISTRATION, WELCOME COFFEE, MOUNTING OF POSTERS

13:00 – 13:05

Lecture hall G95

WELCOME ADDRESS

Fiona Doetsch (Chair of the FEBS3+ LS² Annual Meeting 2020, Biozentrum, University of Basel)

Urs Greber (President of LS², University of Zurich)

13:05 – 13:40

Lecture hall G95

KEYNOTE LECTURE

Paola Picotti (ETH Zurich)

“Proteomes in 3D”

Chair: Nabil Hanna (University of Geneva)

13:40 – 14:30

Lecture hall G95

Scientific Symposium I

Chair: Nabil Hanna (University of Geneva)

Michael Bachmann Poster #51, (University of Geneva, CH)

“Ligand binding promiscuity of $\alpha\text{v}\beta_3$ integrin is enlarged in response to mechanical force”

Daniel Robert Weilandt Poster #130 (EPF Lausanne, CH)

“Particle-based simulation reveals macromolecular crowding effects on the Michaelis-Menten parameters”

Anming Huang Poster #63 (Medical University of Innsbruck, AT)

“Phosphorylation of Drosophila CENP-A on serine 20 regulates protein turn-over and centromere-specific loading”

Ludovica Vanzan Poster #81 (University of Geneva, CH)

“SOX2 Acts as A “Super Pioneer Transcription Factor” by Inducing Replication-Dependent DNA Demethylation at its Binding Sites”

Pavel Barahrtjan Poster #2 (Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, DE)

“Measuring lipid trans-bilayer movement in cells and model membranes”



14:30 – 15:00

COFFEE BREAK, POSTER VIEWING

15:00 – 15:25
Lecture hall G95

PRIX SCHLÄFLI (SCNAT) Award lecture

Chair: Pia Stieger (Platform Biology, SCNAT)



Rebeka Wild (University of Grenoble, FR)

“Control of eukaryotic phosphate homeostasis by SPX inositol polyphosphate sensor domains”

15:25 – 16:00

Scientific Symposium II

Chair: Fanny Georgi (University of Zurich)

Leonie Swart Poster #48 (University of Zurich, CH)

“Divergent evolution of Legionella RCC1 repeat effectors defines the range of Ran GTPase cycle targets”

Irma Querques Poster #5 (University of Zurich, CH)

“Mechanisms and design of the Sleeping Beauty transposon for genome engineering”

Timo Rey Poster #79 (EPF Lausanne, CH)

“Mitochondrial RNA granules are liquid condensates positioned by membrane dynamics”

Chiara Borsari Poster #98 (University of Basel, CH)

“Targeted Therapy for Neurological Disorders: A Novel, Orally Available and Brain-Penetrant mTOR Inhibitor (PQR626)”

Seimia Chebbi Poster #103 (University of Geneva, CH)

“Therapeutic resistance in leukaemia: implication of the tyrosine kinase c-kit and integrin crosstalk”

Iwona Olejniczak Poster #76 (University of Fribourg, CH)

“Light your way up to a better mood. Can light help us combat mood disorders?”

16:00 – 16:30

COFFEE BREAK, POSTER VIEWING

16:30 – 17:30
Lecture hall G95

CAREER SYMPOSIUM

Panel Discussion “How to find one’s career match?”

Chairs: Fanny Georgi (University of Zurich)

& Nabil Hanna (University of Geneva)

Paola Picotti (Principal investigator at the Institute of Molecular Systems Biology, ETH, Zurich, CH)

Ute Budliger (CEO Dr. Budliger GmbH Institute for Horticultural Therapy and “Flower Your Mind” and Program Manager of the feminno career programme of the Zurich-Basel Plant Science Center, CH)

Oliver Biehler (Head of Imaging Core Facility, UNIBAS and LS² Microscopy board, Basel, CH)

Barbara Janssens (Head of DKFZ Career Service & Alumni Relations, German Cancer Research Center, Heidelberg, DE)

17:30 – open end

**MEET & GREAT APÉRO WITH LS² ANNUAL MEETING 2020
SPEAKERS & LS² DELEGATES**

