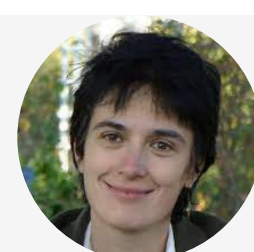


SESSION 5 Chair Fabian Theis & Tingying Peng

09:00 "Using machine learning to turn medicine from an art to a science"



Mihaela van der Schaar
(University of Cambridge)

Intro Fabian Theis

09:40 Viola Priesemann (Max Planck Institute)
10:00 Oliver Stegle (DKFZ)

10:20 Break

SESSION 6 Chair Carsten Marr & Na Cai

10:50 "From genomics to therapeutics: Single-cell dissection and manipulation of disease circuitry"



Manolis Kellis (MIT)

Intro Na Cai

11:30 Jean Fan (Johns Hopkins University)
11:50 Theodore Alexandrov (EMBL)

12:10 **Poster Teaser**
Brendan Miller (Johns Hopkins University)
Ruiqing Ni (ETH Zürich)
Paolo Casale (Helmholtz Munich)
Tingying Peng (Helmholtz Munich)
Werner Hemmert (TUM)

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Chair Bastian Rieck

12:30 Lunch Break and Poster Session I

SESSION 7 Chair Herbert Schiller & Boyan Bonev

14:00 "Ultra high-sensitivity mass spectrometry workflows for single cell and deep visual proteomics"



Matthias Mann (Max Planck Institute)

Intro Herbert Schiller

14:40 Ido Amit (Weizmann Institute of Science)
15:00 Lars Steinmetz (EMBL)

15:20 Break

SESSION 8 Chair Martin Hrabé de Angelis

15:50 **Young Investigator Session A**
Na Cai (Helmholtz Munich)
Jan Grimm (Memorial Sloan-Kettering Cancer Center)
Andrea Schmidts (TUM)
Boyan Bonev (Helmholtz Munich)
Sinem Saka (EMBL)

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Short Break

Chair Brady Huggett

PANELDISCUSSION

17:00 Accelerated translation of knowledge into solutions - what does it mean - what does it take?

SESSION 9 Chair Friedrich Simmel

18:15 "Rare cell profiling for therapeutic development"



Shana Kelley (Northwestern University)

Intro Friedrich Simmel

19:30 **SPEAKERS DINNER** (by invitation)

