

Independent Junior Group Leaders in "Bioinformatics" on 11 February 2016

Festsaal Humboldt Graduate School
Luisenstraße 56, 10117 Berlin

- 9:00 am** **Welcome by Erwin Böttinger**
CEO Berlin Institute of Health
- 9:15 am** **Welcome by Nils Blüthgen**
Deputy Speaker of IRI for the Life Sciences
- 9:30 am** **Anaïs Bardet, Friedrich Miescher Institute for Biomedical Research, Basel, CHE**
Integration of genomic data to understand the regulation of transcription factor binding and gene expression
- 10:00 am** **Fabian Spill, Massachusetts Institute of Technology, Cambridge, USA**
Mechanical and biochemical regulation of cell function through YAP/TAZ1
- 10:30 am** *Coffee break*
- 10:50 am** **Davide Risso, University of California, Berkeley, USA**
Accounting for batch effects and other unwanted variation in single-cell RNA-seq
- 11:20 am** **Birte Kehr, deCODE genetics, Reykjavík, ISL**
Detection of structural variation in the Icelanders' genomes
- 11:50 am** **Dagmar Kainmueller, MPI of Molecular Cell Biology and Genetics, Dresden, GER**
Fusing prior knowledge and machine learning for automated bioimage analysis
- 12:20 pm** *Lunch break*
- 1:05 pm** **Martin Kircher, University of Washington, Seattle, USA**
Interpreting genetic variants and clinical samples
- 1:35 pm** **Pierre Cauchy, University of Birmingham, UK**
Characterisation of regulatory mechanisms in normal and malignant haemopoiesis