

PROGRAM

FRIDAY | MARCH 16, 2018

8:15 – 9:00 am

REGISTRATION AND POSTER SETUP

9:00 – 9:15 am

Welcome and introduction by Executive Board Berlin Institute of Health

SESSION 1 – Tissue damage and replacement

CHAIRS: Walter Birchmeier | Max Delbrück Center for Molecular Medicine in the Helmholtz Association (MDC), Germany and Simone Spuler | Experimental and Clinical Research Center (ECRC), Germany

9:15 – 9:50 am

Erwin Wagner | Spanish National Cancer Research Centre (CNIO), Spain
Inflammation, metabolism and cancer linked to AP-1 (Fos/Jun) expression

9:50 – 10:25 am

Maike Sander | University of California San Diego, USA
Replacing and regenerating pancreatic beta cells for the treatment of diabetes

10:25 – 10:55 am

COFFEE BREAK

10:55 – 11:30 am

Mina J. Bissell | Lawrence Berkeley National Laboratory, USA
How does a linear sequence of DNA become a 3-dimensional tissue and what happens when the cells forget and become malignant?

11:30 am – 12:00 pm

SHORT TALKS:

Christopher Patzke | Stanford University, USA
Conditional genetic manipulations in human neurons: A novel disease model approach
Alessandro Prigione | Max Delbrück Center for Molecular Medicine in the Helmholtz Association (MDC), Germany
iPSC-based drug discovery of mitochondrial neurological disorders

12:00 – 1:15 pm

LUNCH BREAK

SESSION 2 – Cellular reprogramming

CHAIRS: Baris Tursun | Max Delbrück Center for Molecular Medicine in the Helmholtz Association (MDC), Germany
Anna Reid | Max Delbrück Center for Molecular Medicine in the Helmholtz Association (MDC), Germany

1:15 – 1:50 pm

Marius Wernig | Stanford University, USA
How to make a neuron

1:50 – 2:25 pm

Kristin Baldwin | The Scripps Research Institute, USA
Reprogramming with antibodies and reprogramming neuronal diversity

2:25 – 2:55 pm

SHORT TALKS:

Nida ul Fatima | Berlin Institute for Medical Systems Biology (BIMSB) at Max Delbrück Center for Molecular Medicine in the Helmholtz Association (MDC), Germany
A mitochondrial isocitrate dehydrogenase prevents direct reprogramming of germ cells to neurons in *C. elegans*
Soeren Lienkamp | University Medical Center Freiburg, Germany
Direct reprogramming of fibroblasts to renal tubules

2:55 – 3:25 pm

COFFEE BREAK

SESSION 3 – Silencing of aberrant genes in disease

CHAIRS: Erich Wanker | Max Delbrück Center for Molecular Medicine in the Helmholtz Association (MDC), Germany
Angelika Eggert | Charité – Universitätsmedizin Berlin, Germany

3:25 – 4:00 pm

René Bernards | Netherlands Cancer Institute (NKI), Netherlands
Finding new vulnerabilities in cancer for therapeutic benefit