

Every Wednesday, **From 09:30 to 10:30 AM**  
MDC.C Conference Center, **Dendrit 2/3**  
Robert-Rössle-Str. 10, **13125 Berlin**

# Systems Biology Lectures

## Single Cell Technologies

Date	Speaker	Topics
19 October 2016	Dominik Grün, MPI Freiburg	Dissecting cell types with single cell transcriptomics
26 October 2016	Ralf Jungmann, MPI Martinsried	Super-Resolution Microscopy with DNA Molecules
02 November 2016	Barbara Treutlein, MPI Leipzig	Reconstructing neurogenesis using single cell transcriptomics
09 November 2016	Ana Pombo, MDC	Genome Architecture Mapping: novel technology to map chromatin contacts
16 November 2016	Nikolaus Rajewsky, MDC	Droplet based single cell sequencing and applications to neuronal tissues, stem cells, and regulatory RNAs
23 November 2016	Nikolaos Karaïskos, MDC	Single cell spatial transcriptomics of the early Drosophila embryo
<b>05 December 2016 (Mon.)</b>	Wolf Reik, Babraham Institute	Epigenetic reprogramming in mammalian development
14 December 2016	Jan Philipp Junker, MDC	Spatial transcriptomics and single cell lineage tracing
11 January 2017	Shalev Itzkovitz, Weizmann Institute	Single cell heterogeneity in the mammalian liver
18 January 2017	Timm Schroeder, ETH Zurich	Long-term single cell quantification: New tools for old questions
25 January 2017	Lucas Pelkmans, ETH Zurich	TBC
01 February 2017	Amos Tanay, Weizmann Institute	Defining and studying cellular memory
08 February 2017	Jeroen van Zon, AMOLF Amsterdam	Variability and robustness in C. elegans development
15 February 2017	Alexander van Oudenaarden, Hubrecht Institute	Revealing novel Cell Types, cell-cell Interactions, and Cell Lineages by single-cell Sequencing