

16th Workshop Epigenetics@DKFZ

Monday, 12 January 2026, DKFZ Lecture Hall

Organizers: Christoph Plass, Karsten Rippe, Angelika Feldmann, Karol Nowicki-Osuch
Please register at <https://indico.dkfz.de/event/1187/> if you want to attend.

8:50 – 9:00 Welcome: Christoph Plass: Epigenetics@DKFZ 2026

Presentations 15 min + 5 min discussion

SESSION 1 (Chair: Karol Nowicki)

9:00 – 9:20 A tailless ending of human brain evolution - Yue Zhuo (Liu lab)

9:20 – 9:40 Single-cell multiomic dissection of glioblastoma epigenetic plasticity reveals regulatory drivers and barriers to tumor progression - Laura Rueda-Gensini (Mall lab)

9:40 – 10:00 Deep learning of gene regulatory networks at single cell resolution - Manu Saraswat (Stegle lab)

10:00 – 10:30 Introduction to Heidelberg Epignostix - Precision Tumor Profiling for Routine Patient Testing - Helge Lubenow (Heidelberg Epignostix)

10:30 – 11:00 Coffee break (sponsored by Heidelberg Epignostix)

11:00 – 12:00 Keynote lecture (Chair: Angelika Feldmann)

Dirk Schübeler (Friedrich Miescher Institute for Biomedical Research in Basel):

Finding your place: transcription factors as sensors and modifiers of chromatin

12:00 – 13:30 Lunch break (individual). Student lunch by invitation only: D0.01.021

SESSION 2 (Chair: Karsten Rippe)

13:30 – 13:50 CpG-level DNA methylation analysis identifies molecular events that are definitive of progressive lineage commitment in hematopoiesis - Daniel Lipka

13:50 – 14:10 Caught in the act: molecular mechanism of residues specific histone acetylation and its elusive links to transcription and disease - Olga Kolesnikova (Eustermann lab)

14:10 – 14:30 Developmentally programmed loss of polycomb interactions is partially regulated by cohesin - Valeriia Smialkovska (Feldmann lab)

14:30 - 14:50 Two goats on a bridge: transcription and replication conflicts - Pei-Chi (Peggy) Wei

15:00 – 15:30 Coffee break

SESSION 3 (Chair: Christoph Plass)

15:30 – 15:50 Identification of targets for combinatorial treatments with menin-inhibitors in AML - Dr. Ezgi Özyerli-Göknar (Timmers lab)

15:50 – 16:10 Loss of Y chromosome in lung cancer - Maria Llamazares Prada (Plass lab)

16:10 – 16:30 A dynamic balance between vPRC1 complexes finetunes oncofusion activity in synovial sarcoma - Ana Banito

16:30 – 16:50 The m6A RNA modification links mRNA recycling to nucleotide homeostasis – Fu Xu (Frye lab)

16:50 Closing remarks: Karsten Rippe