



„Systems-medicine Approaches in Cancer Research“

Joint e:Med Consortia Meeting (SMOOSE & MILES)

Cologne, June 20th, 2016

Venue:

Center for Molecular Medicine (ZMMK) at the University Hospital
of Cologne, Robert-Koch Straße 21, Cologne

Keynote Speaker:

Prof. Matthias Geyer, University of Bonn, Institute of Innate Immunity

**“The transcription cycle: Regulation of gene expression by cyclin-
dependent kinases”**



Agenda:

When?	What?	Who?
09:15 – 09:30	Coffee	
09:30 – 10:00	Welcome and general introduction SMOOSE SP5: Identification, validation and exploitation of modulators	Dept. of Translational Genomics, UKK Project coordinator SMOOSE Roman Thomas
10:00 – 10:20	SMOOSE SP1: Genomic characterization and modeling of tumor progression	Dept. of Pediatric Oncology, UKK Matthias Fischer/ Sandra Ackermann Dept. of Pediatric Hematology and Oncology, UKE Johannes Schulte/ Kerstin Schönbeck
10:20 – 10:40	SMOOSE SP2/ MILES SP2: Systems-level modeling of cancer genome evolution	Dept. of Translational Genomics, UKK Martin Peifer
10:40 – 11:00	SMOOSE SP3: Systems-level modeling of mutationally activated signaling networks and response to therapy	Institute for Theoretical Physics, UoC Johannes Berg
11:00 – 11:20	SMOOSE SP4: Data handling, optimization of analysis workflows and applications	Dept. of Computer Science and Regional Computing Centre, UoC Ulrich Lang/Viktor Achter
11:20 – 11:40	SMOOSE SP7: Modulation of oncogenic signaling through epigenetic writers of the histone code	Dept. of Pathology, UKK Reinhard Büttner/ Margarete Odenthal/ So-Young Lim
11:40 – 12:30	Lunch	
12:30 – 12:50	SMOOSE SP8: Chemical Biology of multi-pathway inhibition	Dept. of Chemistry and Chemical Biology, TU Dortmund Daniel Rauh/ Jörn Weisner
12:50 – 13:40	Key note lecture “The transcription cycle: Regulation of gene expression by cyclin-dependent kinases”	Prof. Matthias Geyer
13:40 – 14:00	MILES SP4: General overview MILES Characterization of lineage- specific MYC signaling in cancer	Dept. of Translational Genomics, UoC Project coordinator MILES Martin Sos
14:00 – 14:20	MILES SP1: Transcription factor activity variation across cancer lineages	Cologne Centre for Genomics/ CECAD/ MPG, UoC Mathieu Clément-Ziza
14:20 – 14:40	Coffee	
14:40 – 15:00	MILES SP3: Characterizing the lineage specific role of NEDD9 in tumor biology and associated signaling dependencies	Dept. I of Internal Medicine, UKK Tamina Seeger- Nukpezah
15:00 – 15:20	MILES SP5: Processing Sensitive Medical Information in Cloud Computing Environments while Ensuring Information Security and Privacy	WISO Faculty, University of Cologne Ali Sunyaev
15:20 – 15:30	Closing Remarks	Roman Thomas/Martin Sos