



„Systems-medicine Approaches in Cancer Research“

Joint e:Med Consortia Meeting (SMOOSE & MILES)

Cologne, February 19th, 2015

Venue:

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

Keynote Speaker:

Prof. Martin Eilers:

Theodor Boveri Institute, Biocenter University of Würzburg

„Physiological and Oncogenic Functions of Myc“



Agenda:

When?	What?	Who?
09:45 – 10:00	Coffee	
10:00 – 10:25	Welcome and general introduction SMOOSE SP5: Identification, validation and exploitation of modulators	Dept. of Translational Genomics, UKK Project coordinator SMOOSE Roman Thomas
10:25 – 10:45	SMOOSE SP1: Genomic characterization and modeling of tumor progression	Dept. of Pediatric Oncology, UKK Matthias Fischer Dept. of Pediatric Hematology and Oncology, UKE Johannes Schulte
10:45 – 11:05	SMOOSE SP2: Systems-level modeling of cancer genome evolution	Dept. of Translational Genomics, UKK Martin Peifer
11:05 – 11:25	SMOOSE SP3: Systems-level modeling of mutationally activated signaling networks and response to therapy	Institute for Theoretical Physics, UoC Johannes Berg
11:25 – 11:45	SMOOSE SP4: Data handling, optimization of analysis workflows and applications	Dept. of Computer Science and Regional Computing Centre, UoC Ulrich Lang
11:45 – 12:05	SMOOSE SP6: Modulation of oncogenic signaling through complex tumor/stroma interactions	Dept. I of Internal Medicine, UKK Christian Reinhardt
12:05 – 12:50	Lunch	
12:50 – 13:40	Physiological and Oncogenic Functions of Myc	Theodor Boveri Institute Biocenter University of Würzburg Martin Eilers
13:40 – 14:00	SMOOSE SP7: Modulation of oncogenic signaling through epigenetic writers of the histone code	Dept. of Pathology, UKK Reinhard Büttner
14:00 – 14:20	SMOOSE SP8: Chemical Biology of multi-pathway inhibition	Dept. of Chemistry and Chemical Biology, TU Dortmund Daniel Rauh
14:20 – 14:40	SMOOSE SP9: Translational research platform and clinical trial	Dept. I of Internal Medicine, UKK, Matthias Scheffler
14:40 – 15:00	Coffee	
15:00 – 15:15	MILES SP4: General overview MILES Characterization of lineage- specific MYC signaling in cancer	Dept. of Translational Genomics, UKK Project coordinator MILES Martin Sos
15:15 – 15:30	MILES SP1: Transcription factor activity variation across cancer lineages	Cologne Centre for Genomics/ CECAD/ MPG, UoC Mathieu Clément-Ziza
15:30 – 15:45	MILES SP2: Deciphering lineage-specific mutational patterns of chromatin modifiers by integrative genome analysis	Dept. of Translational Genomics, UKK Martin Peifer
15:45 – 16:00	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
16:00 – 16:15	MILES SP5: Processing Sensitive Medical Information in Cloud Computing Environments while Ensuring Information Security and Privacy	WISO Faculty, University of Cologne Ali Sunyaev
16:15 – 16:30	Closing Remarks	Roman Thomas

Participants:

SMOOSE:	
Roman Thomas	Dept. of Translational Genomics, UKK
Reinhard Büttner	Dept. of Pathology, UKK
Christian Reinhardt	Dept. I of Internal Medicine, UKK
Johannes Berg	Institute for Theoretical Physics, UoC
Ulrich Lang	Dept. of Computer Science and Regional Computing Centre, UoC
Matthias Fischer	Dept. of Pediatric Oncology, UKK
Martin Peifer	Dept. of Translational Genomics, UKK
Daniel Rauh	Dept. of Chemistry and Chemical Biology, TU Dortmund
Johannes Schulte	Dept. of Pediatric Hematology and Oncology, UKE
MILES:	
Mathieu Clément-Ziza	Cologne Center for Genomics/ CECAD/ MPG, UoC
Tamina Seeger-Nukpezah	Dept. I of Internal Medicine, UKK
Martin Sos	Dept. of Translational Genomics, UKK
Ali Sunyaev	WISO Faculty, University of Cologne
Co- Worker:	
Viktor Achter	Dept. of Computer Science and Regional Computing Centre, UoC
Michael Rauer	Cologne Center for Genomics/ CECAD/ MPG, UoC
So-Young Lim	Dept. of Pathology, UKK
Bianca Wiedemann	Dept. of Chemistry and Chemical Biology, TU Dortmund
Margarete Odenthal	Dept. of Pathology, UKK
Jörn Weisner	Dept. of Chemistry and Chemical Biology, TU Dortmund
Stefano Tomassi	Dept. of Chemistry and Chemical Biology, TU Dortmund
Matthias Scheffler	Dept. I of Internal Medicine, UKK
Anna Kostenko	Dept. I of Internal Medicine, UKK
Meike Thurat	Dept. I of Internal Medicine, UKK
Yvonne Perkan	Dept. of Computer Science and Regional Computing Centre, UoC
Tanja Eggert	Dept. of Translational Genomics, UKK
Michaela Wöppel	Dept. of Translational Genomics, UKK
Marc Bos	Dept. of Translational Genomics, UKK
Graziella Bosco	Dept. of Translational Genomics, UKK
Yupeng Cun	Dept. of Translational Genomics, UKK
Seda Ercanoglu	Dept. of Translational Genomics, UKK
Julie George	Dept. of Translational Genomics, UKK
Sandra Ortiz-Cuaran	Dept. of Translational Genomics, UKK
Florian Malchers	Dept. of Translational Genomics, UKK
Dennis Plenker	Dept. of Translational Genomics, UKK
Battujya Batbajar-Dugershaw	Dept. of Translational Genomics, UKK
Project Management:	
Axel Aretz	Project Management Agency of the German Aerospace Center (DLR)
Andreas Künne	Project Management Agency of the German Aerospace Center (DLR)