



# „Systems Medicine Approaches in Cancer Research“

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## Joint e:Med Consortia Meeting (SMOOSE & MILES)

Cologne, May 31<sup>st</sup>, 2017

### Venue:

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

### Keynote Speaker:

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**Ged Brady, Cancer Research UK, Manchester**



## Agenda:

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When?	What?	Who?
09:15 – 09:30	<b>Coffee</b>	
09:30 – 10:00	<b>Welcome and general introduction</b> <b>SMOOSE SP5:</b> Identification, validation and exploitation of modulators	Dept. of Translational Genomics, UKK Project coordinator SMOOSE <b>Roman Thomas</b>
10:00 – 10:20	<b>SMOOSE SP1:</b> Genomic characterization and modeling of tumor progression	Dept. of Pediatric Oncology, UKK <b>Matthias Fischer</b> Dept. of Pediatric Hematology and Oncology, UKE <b>Johannes Schulte</b>
10:20 – 10:40	<b>SMOOSE / MILES SP2:</b> Systems-level modeling of cancer genome evolution / Deciphering lineage-specific mutational patterns of chromatin modifiers by integrative genome analysis	Dept. of Translational Genomics, UKK <b>Martin Peifer</b>
10:40 – 11:00	<b>SMOOSE SP3:</b> Systems-level modeling of mutationally activated signaling networks and response to therapy	Institute for Theoretical Physics, UoC <b>Johannes Berg</b>
11:00 – 11:20	<b>SMOOSE SP4:</b> Data handling, optimization of analysis workflows and applications	Dept. of Computer Science and Regional Computing Centre, UoC <b>Viktor Achter / Yvonne Percan</b>
11:20 – 11:40	<b>SMOOSE SP6:</b> Modulation of oncogenic signaling through complex tumor/stroma interactions	Dept. I of Internal Medicine, UKK <b>Christian Reinhardt</b>
11:40 – 12:40	<b>Lunch</b>	
12:40 – 13:40	<b>Key note lecture</b>	<b>Ged Brady</b>
13:40 – 14:00	<b>SMOOSE SP7:</b> Modulation of oncogenic signaling through epigenetic writers of the histone code	Dept. of Pathology, UKK <b>Reinhard Büttner/ Margarete Odenthal</b>
14:00 – 14:20	<b>SMOOSE SP8:</b> Chemical Biology of multi-pathway inhibition	Dept. of Chemistry and Chemical Biology, TU Dortmund <b>Daniel Rauh</b>
14:20 – 14:40	<b>SMOOSE SP9:</b> Translational research platform and clinical trail	Centrum für Integrierte Onkologie, Klinik I, UKK <b>Jürgen Wolf</b>
14:40 – 15:00	<b>General overview MILES</b> <b>MILES SP4:</b> Characterization of lineage- specific MYC signaling in cancer	Molecular Pathology, Inst. of Pathology & Dept. of Translational Genomics, UKK Project coordinator MILES <b>Martin Sos</b>
15:00 – 15:20	<b>Coffee</b>	
15:20 – 15:40	<b>MILES SP1:</b> Transcription factor activity variation across cancer lineages	Cologne Centre for Genomics/ CECAD/ MPG, UoC <b>Mathieu Clément-Ziza</b>
15:40 – 16:00	<b>MILES SP3:</b> Characterizing the lineage specific role of NEDD9 in tumor biology and associated signaling dependencies	Dept. I of Internal Medicine, UKK <b>Tamina Seeger- Nukpezah</b>
16:00 – 16:20	<b>MILES SP5:</b> Processing Sensitive Medical Information in Cloud Computing Environments while Ensuring Information Security and Privacy	Faculty of Economics & Management, University of Kassel <b>Ali Sunyaev</b>
16:20 – 16:30	Closing Remarks	<b>Roman Thomas</b>