

September 16, 2021

## BMFZ Leukemia Symposium

Organized together with  
Clinic of Pediatric Oncology, Hematology  
and Immunology

14.00 h	Welcome	Arndt Borkhardt (Pediatric Oncology, Hematology, and Immunology, Düsseldorf)
14.05 h	<i>Mechanisms of B-cell selection as therapeutic targets in B-lymphoid malignancies</i>	Markus Müschen (Center of Molecular and Cellular Oncology, Yale School of Medicine, New Haven, CT, United States)
14.40 h	<i>Mechanisms of malignant T cell-B cell collaboration in leukemia and lymphoma</i>	Simone Bürgler (Experimental Infectious Diseases and Cancer Research, University Children's Hospital, Zurich, Switzerland)
15.15 h	<i>Immune dysregulation leading to acute lymphoblastic leukemia</i>	Katharina Gössling (Pediatric Oncology, Hematology and Immunology, Düsseldorf)
15.30 h	<i>Trained immunity for cancer prevention in acute lymphoblastic leukemia</i>	Aleksandra Pandyra (Pediatric Oncology, Hematology and Immunology, Düsseldorf)
15.45 h	Coffee Break	
16.00 h	<i>An intact gut microbiome protects genetically predisposed mice against leukemia</i>	Stefan Janssen (Algorithmic Bioinformatics, Justus- Liebig-University Giessen)
16.35 h	<i>Modeling ETV6-RUNX1 preleukemia</i>	Vera Jepsen (Pediatric Oncology, Hematology and Immunology, Düsseldorf)
16.50 h	<i>Brain-organoids as a model for CNS metastasis of ALL</i>	Philip Gebing (Pediatric Oncology, Hematology and Immunology, Düsseldorf)
17.05 h	<i>Decrypting the role of HSP90<math>\alpha</math> and <math>\beta</math> isoforms and resistance mechanisms accompanied with their inhibition in BCR-ABL1 leukemia</i>	Niklas Dienstbier (Pediatric Oncology, Hematology and Immunology, Düsseldorf)
17.20 h	<i>Employing optical mapping and long read sequencing to identify structural variations involved in cancer pathogenesis and predisposition</i>	Danielle Brandes (Pediatric Oncology, Hematology and Immunology, Düsseldorf)
17.35 h	Farewell	Ute Fischer (Pediatric Oncology, Hematology and Immunology, Düsseldorf)

Location Building 14.79.03, Lecture Hall, Institute of Neuropathology (please use the side door)

Time September 16, 2021; 14.00 h – 17.40 h