

## DSO Retreat

### May 28, 2024 in Düsseldorf

(O.A.S.E, Building 16.61)

#### Program

09.15 h	Welcome	Sebastian Wesselborg (Speaker of the DSO; Molecular Medicine I)
<b>I. DSO Network Program SPATIAL</b>		
09.20 h	<b>SPATIAL: Systematic Phenotyping to Analyse Tumour-Immune interActions in Liquid and solid malignancies</b>	Peter-Martin Bruch (Hematology, Oncology and Clinical Immunology)
<b>II. DSO PhD Fellows SPATIAL</b>		
09.35 h	Investigating the microenvironmental architecture of hematological malignancies in bone marrow and soft tissue	Sarah Koziel (Sascha Dietrich, Oncology, Hematology and Clinical Immunology)
09.50 h	Modeling myeloid-cell trained anti-tumoral immunity	Olivia Stencel (Arndt Borkhardt, Aleksandra Pandya, Paediatric Oncology, Haematology and Immunology)
10.05 h	Spatial immune-interaction across hepato-biliary cancers	Sadaf Alizadehrahrouei (Dr. Anne Theres Schneider, Christoph Roderburg, Tom Lüdde, Gastroenterology, Hepatology and Infectious Diseases)
10.20 h	Spatial immunomodulation in gastroenteropancreatic neuroendocrine tumors and draining lymph nodes	Kim Sommer (Irene Esposito, Maximilian Seidl, Pathology)
10.35 h	Phasing diploid genome assembly graphs with single-cell strand sequencing	Mir Henglin (Tobias Marschall, Medical Biometry and Bioinformatics; Tom Lüdde, Gastroenterology, Hepatology and Infectious Diseases)
10.50 h	Coffee Break	
<b>III. Invited guest lecture</b>		
11.20 h	CIO <sup>ABCD</sup> : Development and potential for (young) scientists!	Daniel Nettersheim (Urology)
11.20 h		Tim Brümmendorf (Hematology and Oncology, University Hospital RWTH Aachen, Aachen; CIO-ABCD)
12.00 h	<b>IV. Guests from MSSO<sup>Aachen/Bonn/Cologne/Düsseldorf</sup></b>	Roland Ullrich (Speaker of the MSSO <sup>ABCD</sup> ; Internal Medicine, Cologne)
12.05 h	Diagnosis and therapy of myeloproliferative neoplasms using multimodal imaging and nanomedicine targeting	Federica De Lorenzi (Experimental Molecular Imaging, Aachen)
12.20 h	Study of MHC-I regulation as potential target to prevent tumor invasion in SCLC	Cyrielle Bouchez (Internal Medicine I, Center for Molecular Medicine, Cologne)
12.35 h	Enhancing CAR T cell response by targeted inhibition of angiogenic factors in DLBCL	Lilli Schlözer (Internal Medicine I, Cologne)
12.50 h	Long non-coding RNAs as promising biomarkers and potential therapeutic targets for aggressive brain tumors	Nan Qin (Hematology, Oncology and Clinical Immunology, Düsseldorf)
13.05 h	Lunch Break	
<b>V. DSO Fellows</b>		
14.10 h	A novel human NK cell progenitor that originates in the thymus and generates NKG2A- KIR+ NK cells	Sebastian Wesselborg (Molecular Medicine I)
14.10 h		Julian Reiß (Markus Uhrberg, Transplantation Diagnostics and Cell Therapeutics)
14.25 h	Predictive models for biological aggressiveness of pancreatobiliary cancers by integrative molecular analysis of their precursor lesions	Raka Aziz (Irene Esposito, Pathologie)
14.40 h	Characterization of apoptosis inducing natural compounds for the treatment of therapy resistant tumors with focus on the semisynthetic Meriolins	Karina Krings (Sebastian Wesselborg, Molecular Medicine I)
14.55 h	FLYidentification – characterization of novel molecular drivers in glioblastoma based on functional genomics screening in Drosophila melanogaster	Oksana Lewandowska (Guido Reifenberger, Neuropathology)
15.10 h	EDI-4-ALL - Early detection and interception of childhood acute lymphoblastic leukemia	Ute Fischer (Paediatric Oncology, Hematology and Clinical Immunology)
15.25 h	Closing Remarks	Sebastian Wesselborg (Molecular Medicine I)
15.30 h	Coffee Break	Get-together

Time/Location Mai 28, 2024, 9.15 - 16.30 h, Building 16.61, O.A.S.E.

Steering board Arndt Borkhardt, Sascha Dietrich, Irene Esposito, Tanja Fehm, Norbert Gattermann, Frederik Giesel, Bernhard Homey, Tom Lüdde, Daniel Nettersheim, Guido Reifenberger, Nick Stoecklein, Sebastian Wesselborg

Organisation Cornelia Höner

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