

## 7. Retreat of the Düsseldorf School of Oncology (DSO) Mai 09, 2019

### Program

9.30 h	Welcome	Sebastian Wesselborg (Speaker of the DSO)
<b>I. <u>PhD scholarship program of the DSO</u> "Tumor Immunology &amp; Inflammation"</b>		
9.45 h	Characterization of innate lymphocytes in cord blood reveals a novel ILC1 population with NK cell differentiation potential	Sabrina Bennstein (Transplantation Diagnostics and Cell Therapeutics / Pediatric Hematology, Oncology and Clinical Immunology)
10.00 h	Simultaneous targeting of CD5 and CD19 to increase specificity towards double-positive mantle cell lymphoma cells in CAR T-cell therapy	Arthur Bister (Otorhinolaryngology & Head/Neck Surgery / Hematology, Oncology and Clinical Immunology)
10.15 h	Immunoprofiling of human molecular glioblastoma subgroups	Marc Kuballa (Neuropathology / Transplantation Diagnostics and Cell Therapeutics)
10.30 h	B cell activating factor (BAFF) attenuates tumor myeloid-derived suppressor cell effects through PD-L1 downregulation	Wei Liu (Molecular Medicine II / Department of Dermatology)
10.45 h	Impact of autophagy on inflammation, immune signaling, leukemogenesis and relapse of pediatric patients with acute lymphoblastic leukemia	Idriss Edler Mahoungou Koumba (Pediatric Oncology, Hematology and Clinical Immunology / Molecular Medicine I)
11.00 h	<b>Coffee Break</b>	
11.30 h	Analysis of the cellular immune response to Acute Myeloid Leukemia (AML)	Wiebke Moskorz (Haematology, Oncology and Clinical Immunology / Virology)
11.45 h	Antitumor-Immunity and Metastatic Spread in Papillary Thyroid Cancer	Mathias Schmidt (Endocrinology / General, Viszeral and Pediatric Surgery; Experimental Surgical Oncology)
12.00 h	Label-free detection of brain tumor cell immunogenicity upon mesenchymal transformation by confocal Raman microscopy	Nerantzoula Tsiampali (Neurosurgery / Chemistry/ Physical Chemistry Hans)
<b>II. <u>MD scholarship program of the DSO</u></b>		
12.15 h	Modulation of tumour cell chemosensitivity by exposure to high-dose blue light (453 nm)	Lisa Hegmann (Surgery / Urology)
12.30 h	Targeting cancer stem cells and immune escape mechanisms in Glioblastoma by inhibition of canonical Wnt/ $\beta$ -catenin signaling	Philippe Aretz (Neurosurgery)
12.45 h	<b>Lunch</b>	
13.45 h	Identification of novel therapeutic approaches for pediatric high grade gliomas	Mara Maue (Pediatric Oncology)
14.00 h	Development of a CD44v6-targeted CAR T-cell therapy for head and neck squamous cell carcinoma	Elena Schulte (ENT Surgery)
14.15 h	Establishing an in vitro and in vivo model for testing the impact of ST3GAL1 on metastasis in HNSCC	Alexander Sklavounos (Experimental Surgical Oncology)
14.30 h	Analysis of the pathogenesis of central nervous system relapses of acute lymphoblastic leukemia (ALL) and development of novel treatment strategies employing co-cultures of ALL cell lines and brain organoids	Stefanos Loizou (Pediatric Oncology)
14.45 h	<b>Poster presentation of DSO-members</b>	
15.45 h	<b>Coffee break</b>	
<b>III. <u>Invited guest lecture</u></b>		
16.15 h	Of CARs and TRUCKs: CAR T cells on the highway to clinical application	Hinrich Abken (RCI Regensburg Center for Interventional Immunology, Genetic Immunotherapy, Regensburg)
17.00 h	<b>Election of a 2nd graduate student speaker</b>	
17.15 h	<b>Poster and talk award</b>	Steering Board of the DSO
17.30 h	End of the Retreat	

**Place** O.A.S.E, Building 16.61

**Time** Mai 9, 2019, 9.30 – 17.30 h

**Steering board** Peter Albers, Irene Esposito, Tanja Fehm, Norbert Gattermann, Rainer Haas, Bernhard Homey, Norbert Gattermann, Daniel Nettersheim, Guido Reifenberger, Sebastian Wesselborg

**Organisation** Cornelia Höner

**Registration** <http://www.hhu.de/dso> > DSO-Retreat 2019

**Address** Heinrich-Heine-Universität Düsseldorf  
Düsseldorf School of Oncology (DSO)  
Universitätsstr. 1, Geb. 22.07.U1  
D-40225 Düsseldorf