

## 5. Retreat of the Düsseldorf School of Oncology (DSO) April 06, 2017

### Program

10.00 h	<i>Welcome</i>	Sebastian Wesselborg (Speaker of the DSO)
<b>I. <u>PhD scholarship program of the DSO</u></b>		
10.15 h	<i>Genetic heterogeneity of cancer stem cells</i>	Jörg Otte (Stem Cell Research / Surgery)
10.30 h	<i>Targeting primary ciliogenesis in atypical teratoid/rhabdoid tumors</i>	Lena Blümel (Pediatric Oncology / Neuropathology)
10.45 h	<i>Development and preclinical evaluation of novel subtype-specific HDAC inhibitors for epigenetic therapy of primary brain tumors</i>	Viktoria Marquardt (Pharmaceutical Chemistry / Pediatric Oncology / Neuropathology)
11.00 h	<i>Involvement of hyaluronan in the relationship between mesenchymal stem cells and tumor progression</i>	Christian Vogeley (Pharmacology / Pediatric Oncology / Metabolic Physiology)
11.15 h	<i>Statistical analysis and implications of microRNA-mRNA interaction profiles for elucidating mircoRNA function in leukemia</i>	Eva-Maria Hüßler (Pediatric Oncology / Bioinformatics, Biostatistic, BMFZ)
11.30 h	<b>Coffee break</b>	
<b>II. <u>Invited guest lecture</u></b>		
12.00 h	<i>Advances in Cancer Imaging</i>	Heinz-Peter Schlemmer (DKFZ, Heidelberg)
<b>III. <u>PhD scholarship program of the DSO</u></b>		
12.45 h	<i>Application of nano-particles for focal therapy of local-defined prostate cancer at early stages</i>	Maryam Youhannayee (Appl. Physics, Nanotechnology / Urology)
13.00 h	<i>Punctual acoustic-wave therapy for the super-selective ablation of squamous cell carcinoma</i>	Maja Strugacevaç (ENT-clinic / Appl. Physics, Nanotechnology)
13.15 h	<b>Lunch</b>	
14.15 h	<i>Mutation of IDH1 as an early step in gliomagenesis – Elucidation of protein-protein interaction network and posttranslational modification signature of IDH1 in neural stem and progenitor cells</i>	Nina Overbeck (BMFZ-MPL / Neuropathology / Bioinformatics, Biostatistics)
14.30 h	<i>Development of in vitro culture for circulating tumor cells – expansion of colony inducing cells</i>	André Franken (Gynecology / Surgery / Molecular Evolution)
14.45 h	<i>Identification of novel signaling pathways in apoptosis and autophagy for the elimination of anticancer drug resistant tumors</i>	Fabian Stuhldreier (Molecular Medicine I / Pharmaceutical Biology)
15.00 h	<i>Functional role of long noncoding RNAs in the regulation of squamous differentiation in urothelial carcinoma of the bladder and head and neck cancer</i>	Johanna Droop (Urology / ENT-clinic)
<b>IV. <u>MD scholarship program of the DSO</u></b>		
15.15 h	<i>Long non-coding RNAs as molecular biomarkers in head and neck cancer</i>	Madeleine Sassenberg (Urology)
15.30 h	<i>Novel combination therapies for urothelial carcinoma based on histone deacetylase inhibitors</i>	Alexander Hölscher (Urology)
15.45 h	<b>Coffee break</b>	
<b>V. <u>Physician Scientist program of the DSO</u></b>		
16.15 h	<i>Analyzing EpCAM-negative circulating tumor cells in blood of metastatic breast cancer patients</i>	Florian Reinhardt (Gynecology)
16.30 h	<b>Poster presentation of DSO-members</b>	
17.15 h	<b>Election of graduate student speaker</b>	Beverages & snacks are provided
17.30 h	<b>Poster and talk award</b>	Steering Board of the DSO

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

**Time** April 6, 2017, 10.00 - 18.30 h

**Steering board** Irene Esposito, Tanja Fehm, Norbert Gattermann, Rainer Haas, Bernhard Homey, Norbert Gattermann, Guido Reifenberger, Wolfgang Schulz, Sebastian Wesselborg

**Organisation** Cornelia Höner

**Registration** <http://www.hhu.de/dso> > DSO-Retreat 2017

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