

XXII. Wilsede Meeting 2018

MODERN TRENDS IN HUMAN LEUKAEMIA AND CANCER

June 30 - July 03, 2018 - Wilsede, Germany

Preliminary Programme stand: May, 2018

Saturday, June 30, 2018

9:00-14:00	Registration at University Medical Center (UKE) Hamburg-Eppendorf, Campus Lehre, N55/ Wilsede
16:30-16:40	Welcome Address <i>Boris Fehse & Nicolaus Kröger, Hamburg/DE</i>
16:40-18:00	Session I: Molecular Leukemia / Lymphoma <i>Chairs: Tony Green, Cambridge/UK; Nicolaus Kröger, Hamburg/DE</i>
16:40-17:05	1. Epitranscriptomic regulation of stemness in AML Carsten Müller-Tidow, Heidelberg/DE
17:05-17:30	2. Patients' ALL and AML stem cells reveal reversible drug resistance and dormancy when growing in mice Irmela Jeremias, Munich/DE
17:30-17:55	3. Discovery of a new Burkitt lymphoma survival signal by the CRISPR/Cas9 method Michael Reth, Freiburg/DE
18:00-19:00	Special Lecture
18:00-19:00	Genetically modified pigs for Biomedicine Angelika Schnieke, Munich/DE
19:30	Welcome Reception and Dinner Wilseder Hof

Sunday, July 1, 2018

09:00-10:30	Session II: Stem cells in homeostasis and disease <i>Chairs: Tony Green, Cambridge/UK, Markus Manz, Zurich/CH</i>
09:00-09:25	1. Long-term single-cell quantification: New tools for old questions Timm Schroeder, Zurich/CH
09:25-09:50	2. Autoimmunity checkpoints in B cell malignancies Markus Müschen, San Francisco/US
09:50-10:15	3. Cross-talk between Leukemic stem cells and the bone marrow microenvironment Dominique Bonnet, London/UK
10:15-10:30	4. In vivo hematopoietic stem cell expansion by the thrombopoietin-target Epcr in Mpl-deficient mice (selected abstract short talk) Saskia Kohlscheen, Langen/DE
10:30 - 11:00	break
11:00-12:30	Session III: Immunotherapy I <i>Chairs: Michael Hudecek, Würzburg/DE; Andrea Schietinger, New York/US</i>
11:00-11:25	1. Virus specific T cells – Broadening applicability Catherine Bollard, Washington DC/US
11:25-11:50	2. Targeting microenvironment biology in B cell lymphomas Christian Steidl, Vancouver/CA
11:50-12:15	3. CART cell engineering and clinical development Mario Assenmacher, Bergisch-Gladbach/DE
12:15-12:30	4. Super-resolution microscopy dSTORM reveals CD19dim expression on a subset of myeloma cells that can be targeted with CD19-CAR T cells (selected abstract short talk) Thomas Nerreter, Würzburg/DE
12:30-14:00	Lunch (Heidemuseum) & Poster viewing

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14:00-15:45	Session IV: Epigenetics <i>Chairs: H. Phillip Koeffler, Los Angeles/US; Daniel G. Tenen, Boston/US</i>
14:00-14:25	1. Experiments of Myeloid Differentiation H. Phillip Koeffler, Los Angeles/US
14:25-14:50	2. A novel class of noncoding RNAs (SPEARS) recruit acetylated histone H2A.Z for gene activation Daniel G. Tenen, Boston/US
14:50-15:15	3. Committed hemopoietic progenitors, not stem cells, are the predominant responders to Hox gene transduction Norman Iscove, Toronto/CAN
15:15-15:30	4. Targeting LSD1 in Hoxa9/Meis1-driven AML Induces Differentiation and Interferes with GFI1-mediated Repression (selected abstract short talk) Tobias Berg, Frankfurt/DE
15:30-15:45	5. Prolyl hydroxylase 3 (Phd3) is essential for mutant IDH1-mediated leukemogenesis in vivo (selected abstract short talk) Anuhar Chaturvedi, Hannover/DE
15:45-16:15	break
16:15-17:00	Special Lecture <i>Chairs: H. Phillip Koeffler, Los Angeles/US</i>
16:15-17:00	Myeloproliferative Neoplasms – from Pathogenesis to Personalized Predictions <i>Tony Green, Cambridge/UK</i>
17:00-19:00	POSTER SESSION I
19:00	Barbecue „Emhoff“

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Monday, July 2, 2018

09:00-10:30	Session V: CANCEROMICS & new targets <i>Chairs: Ulrich G. Steidl, New York/US; Oliver Weigert, Munich/DE</i>
09:00-09:25	1. When cell differentiation goes side-ways: Subtype-specific regulatory network rewiring in acute myeloid leukemia Peter Cockerill, Birmingham/UK
09:25-09:50	2. DUSP1/6 inhibition as a novel therapeutic approach in chronic lymphocytic leukemia Maïke Buchner, Munich/DE
09:50-10:15	3. Translational Genetics in Follicular Lymphoma: Towards Risk- and Biology-Adapted Treatment Strategies Oliver Weigert, Munich/DE
10:15-10:30	4. Combined Targeting of Oncogenic JAK2 Signaling and Metabolic Dependencies of Mutant Clones Elicits Synergistic Therapeutic Efficacy in Myeloproliferative Neoplasms (selected abstract short talk) Tata Nageswara Rao, Basel/CH
10:30-11:00	break
11:00-12:30	Session VI: Cancer stem cells <i>Chairs: Maïke Buchner, Munich/DE; Peter Cockerill, Birmingham/UK</i>
11:00-11:25	1. tba
11:25-11:50	2. Transcriptional Dysregulation in Precancerous Stem Cells and their Progression to MDS and AML Ulrich G. Steidl, New York/US
11:50-12:15	3. Clonal dynamics in head and neck squamous cell carcinoma: seeking the recurrence-initiating cells by cellular barcoding Genrich Tolstonog, Lausanne/CH
12:15-12:30	4. A stemness screen reveals the endogenous p21-activated kinase inhibitor C3ORF54/INKA1 as a regulator of stem cell latency that functions through global epigenetic changes in normal human hematopoietic and leukemia stem cells (selected abstract short talk) Kerstin Kaufmann, Toronto/CA
12:30-12:45	Grant program of the German Cancer Aid Matthias Serwe, Bonn/DE
12:45-13:30	Lunch (Heidemuseum) & Poster viewing
13:30-15:30	POSTER SESSION II
15:30-16:00	break
16:00-16:50	Session VII: Stem cells and their niche I <i>Chairs: Carsten Müller-Tidow, Heidelberg/DE; Timm Schroeder, Zurich/CH</i>
16:00-16:25	1. Dissecting cellular and molecular dynamics in the bone marrow niche in myelofibrosis Rebekka Schneider-Kramann, Rotterdam/NL
16:25-16:50	2. The evolving view of the hematopoietic stem cell niche (preliminary title) Simon Mendez-Ferrer, Cambridge/UK
16:50-17:55	Session VIII: Genome editing – Research & translation <i>Chairs: Boris Fehse, Hamburg/DE; Wolfgang Uckert, Berlin/DE</i>
16:50-17:15	1. Antiviral HSC gene-therapy using genome editing Joachim Hauber, Hamburg/DE
17:15-17:40	2. Enhancing CAR T cell activity by linking IL-12 expression to the endogenous PDCD1 promoter Sasha Astrakhan, Seattle/US
17:40-17:55	3. tba
19:00	Farewell Barbecue – „Emhoff“

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Tuesday, July 3, 2018

09:00-10:05	Session IX: Stem cells and their niche II <i>Chairs: Simon Mendez-Ferrer, Cambridge/UK; Markus Manz, Zurich/CH</i>
09:00-09:25	1. Inflammation of HSCs Markus Manz, Zurich/CH
09:25-09:50	2. ASXL1/EZH2 mutations promote clonal expansion of neoplastic HSC and impair erythropoiesis in PMF Ioanna Trivaii, Hamburg/DE
09:50-10:05	3. Functional dominance of CHIP-mutated hematopoietic stem cells in patients undergoing autologous stem cell transplantations (selected abstract short talk) Michael Rieger, Frankfurt/DE
10:05-10:30	break
10:30-12:00	Session X: Immunotherapy II <i>Chairs: Christian Steidl, Vancouver/CA; Wolfgang Uckert, Berlin/DE</i>
10:30-10:55	1. Pre-clinical T cell receptor gene therapy of cancer Wolfgang Uckert, Berlin/DE
10:55-11:20	2. Adoptive T-cell therapy Michael Hudecek, Würzburg/DE
11:20-11:45	3. Molecular programs defining tumor-specific T cell dysfunction Andrea Schietinger, New York/US
11:45-12:00	4. A Reporter Cell Platform for High-Throughput Screening of Chimeric Antigen Receptor (CAR) Libraries (selected abstract short talk) Julian Rydzek, Würzburg/DE
12:00	Closing remarks
from 12:05	Departure (packed Lunch)