

## CRU344 Aachen & MPN/CML Euregio Scientific Workshop and Retreat 2021

Friday, November 12<sup>th</sup>, 2021, from 9:00h until 16:05h (Virtual Meeting)

Time	Speaker	Topic	Chair
09:00-09:05	Tim Brümmendorf	Introduction	Tim Brümmendorf
09:05-09:25	Kathrin Olschok	CALRmutant MPN-derived iPSC cells	Joachim Göthert, Rebekka Schneider
09:25-09:45	Nicolas Chatain	Role of LCN2 in MPN	
09:45-10:05	Milena Kalmer	IFN $\alpha$ response of clonal MPN cells	
10:05-10:20	<b>Break I</b>		
10:20-10:40	Marcelo Szymanski de Toledo	iPSC-derived stromal cells to model the BM niche in MPN	Konstanze Döhner, Mirle Schemionek
10:40-11:00	Marlena Bütow	Targeting the inflammatory niche severely affects CML cell survival and LSC resistance in CP and BC-CML	
11:00-11:20	Timo Jaquet	UPR as a therapeutic target to enhance TKI-induced cell death	
11:20-11:35	<b>Break II</b>		
11:35-11:55	Margherita Vieri	Telomere biology in MPN	Martin Griesshammer, Wolfgang Wagner
11:55-12:15	Olivia Cypris	Hematopoietic differentiation of human iPSC is not impaired by DNMT3A knockouts despite loss of de novo DNA methylation	
12:15-12:35	Hélène Gleitz	Dissecting fibrosis-driving cellular interactions in MPN	
12:35- 13:30	<b>Lunch-Break</b>		
13:30-14:10	<b>Radek Skoda Keynote-Lecture</b>	Lessons from MPN Mouse Models	Steffen Koschmieder
14:10-14:30	Bella Banjanin	Stromal cell subpopulations in MPN	Gerhard Müller-Newen, Nikolas von Bubnoff
14:30-14:50	Henning Schurse	Pro-Inflammatory Cytokines in MPN	
14:50-15:00	<b>Break III</b>		
15:00-15:20	Martin Grasshoff	Bioinformatics applied to MPN: scRNAseq techniques and results	Marin Zenke, Ivan Costa
15:20-15:40	Niclas Flosdorf	JAK2V617F megakaryocytes from patient iPSC cells for modelling myelofibrosis	
15:40-16:00	Julian Baumeister and Alexandros Sofias	Imaging and nanomedicine-based targeting of hypoxia-Inducible factors in MPN	
16:00-16:05	Steffen Koschmieder	Outlook/ Farewell	Steffen Koschmieder

## Keynote Speaker:

<b>Basel,</b> University Hospital	Department of Hematology
<ul style="list-style-type: none"><li>• Radek Skoda, Prof. Dr. med.</li></ul>	

## Speakers & chairs:

<b>Essen,</b> University Hospital	Department of Hematology and Stem Cell Transplantation
<ul style="list-style-type: none"><li>• Joachim Göthert, PD Dr. med.</li></ul>	

<b>Lübeck,</b> University Hospital Schleswig-Holstein	Department of Hematology and Oncology
<ul style="list-style-type: none"><li>• Nikolas von Bubnoff, Prof. Dr. med.</li></ul>	

<b>Minden and Bochum,</b> Mühlenkreiskliniken and University of Bochum	Department of Hematology and Stem Cell Transplantation
<ul style="list-style-type: none"><li>• Martin Griesshammer, Prof. Dr. med.</li></ul>	

<b>Rotterdam,</b> Erasmus University Medical Center	Department of Developmental Biology
<ul style="list-style-type: none"><li>• Bella Banjanin, MSc</li><li>• Hélène Gleitz, Dr. rer. nat.</li></ul>	

<b>Ulm,</b> University Hospital	Department of Internal Medicine III
<ul style="list-style-type: none"><li>• Konstanze Döhner, Prof. Dr. med.</li></ul>	

<b>Aachen,</b> University Hospital RWTH	Department of Biochemistry and Molecular Biology
<ul style="list-style-type: none"><li>• Gerhard Müller-Newen, Prof. Dr. rer. nat.</li><li>• Henning Schurse, MSc</li></ul>	

<b>Aachen,</b> University Hospital RWTH	Institute for Biomedical Engineering
<ul style="list-style-type: none"><li>• Olivia Cypris, MSc</li><li>• Niclas Flosdorf, MSc</li><li>• Rebekka Schneider, Prof. Dr. med. Dr. rer. nat.</li><li>• Wolfgang Wagner, Prof. Dr. med. Dr. rer. nat.</li><li>• Martin Zenke, Prof. Dr. rer. nat.</li></ul>	

<b>Aachen,</b> University Hospital RWTH	Department of Hematology, Oncology, Hemostaseology, and Stem Cell Transplantation
<ul style="list-style-type: none"> <li>• Julian Baumeister, Dr. rer. nat.</li> <li>• Tim H. Brümmendorf, Prof. Dr. med.</li> <li>• Marlena Bütow, MSc</li> <li>• Nicholas Chatain, Dr. rer. nat.</li> <li>• Timo Jaquet, MSc</li> <li>• Milena Kalmer, MSc</li> <li>• Steffen Koschmieder, Prof. Dr. med.</li> <li>• Kathrin Olschok, MSc</li> <li>• Mirle Schemionek, PD Dr. rer. nat.</li> <li>• Marcelo Szymanski de Toledo, Dr. rer. nat.</li> <li>• Margherita Vierj, Dr. rer. nat.</li> </ul>	

<b>Aachen,</b> University Hospital RWTH	Department of Nanomedicine and Theranostics, Institute for Experimental Molecular Imaging
<ul style="list-style-type: none"> <li>• Alexandros Sofias, Dr. rer. nat.</li> </ul>	

<b>Aachen,</b> University Hospital RWTH	Institute for Computational Genomics, Joint Research Center for Computational Biomedicine
<ul style="list-style-type: none"> <li>• Ivan Costa, Prof. Dr. rer. nat.</li> <li>• Martin Grasshoff, MSc</li> </ul>	

## Contact:

Prof. Dr. med. Steffen Koschmieder; E-mail: [skoschmieder@ukaachen.de](mailto:skoschmieder@ukaachen.de)

DECT Phone: +49-241-8036102 or Cell Phone: +49-151-74630552

Britta Wagner; E-mail: [brwagner@ukaachen.de](mailto:brwagner@ukaachen.de)

Office Phone: +49-241 80 80981