



**Programme
XXI Wilsede Meeting**

Modern Trends in Human Leukemia & Cancer

June 18-21, 2016 – Wilsede, Germany

We cordially thank for supporting the Wilsede Meeting



Partners



Welcome to the XXI Wilsede Meeting on »Modern Trends in Human Leukemia and Cancer«

This year the village of Wilsede hosts the XXI. »Modern Trends in Human Leukemia and Cancer« meeting. Traditionally, this meeting presents the most recent and exciting developments in the field of leukemia and cancer biology – from basic science to new clinical concepts. We are proud and honored that again many leading specialists in the fields of stem cell and cancer biology as well as immune- and gene therapy accepted our invitation to come here.

This year, stem cell biology is a major theme of the meeting. Several sessions will concentrate on the role of stem cells in homeostasis and disease as well as the interaction of stem cells with their stroma. Another focus of the meeting will be the field of myeloproliferative neoplasia, a disease that can be regarded as a paradigm of a stem-cell driven malignancy. Furthermore, the role of »canceromics« in our understanding of malignant diseases will be addressed. Finally, following the Wilsede tradition two sessions will be dedicated to novel therapies, highlighting the impressive progress of targeted and immuno-gene therapies. We highly appreciate the willingness of all speakers and chairs to share their knowledge and results with the next generation of scientists and researchers at this unique platform of scientific exchange.

We would like to thank the Mildred Scheel Foundation of the Deutsche Krebshilfe e.V. (German Cancer Aid) for their generous support. The decision of the Deutsche Krebshilfe to »adopt« the Wilsede meeting as its second »key meeting« has been vital to keep up the tradition of the Wilsede meetings. The DKH takes over not only the »usual costs«, but in particular it finances many stipends for young scientists making the Wilsede meeting an almost unique platform for both »young« and »experienced« scientists to interact. We are also grateful to the Deutsche Forschungsgemeinschaft, another traditional supporter of the Wilsede meetings, for continuous funding.

The »Magic« of Wilsede lies just not in the outstanding science and the tranquil location, but also in the people that have spent much time and energy in keeping the spirit of the 1973 meeting alive. At particular, Prof Rolf Neth, who was the initiator and driving force of the Wilsede meetings, but also Prof Axel Zander and Dr Carol Stocking who kept the tradition alive through the 1990s and 2000s, deserve special thanks.

For those of you who do not know Wilsede, we are sure that you will also come to appreciate this tiny village in the Lüneburg Heath, which provides the ideal setting for scientific exchange and stimulating discussions, for which the Wilsede meetings are known. Please push aside your other obligations for a few days, shut off your mobile devices and join us during the lectures, poster sessions, walks in the heath, and at the social events in the evenings with delicious local food, drinks, and music to discuss scientific concepts and new ideas.

Let's keep up with the Wilsede tradition!

Boris Fehse

Nicolaus Kröger

The Local Organizing Committee

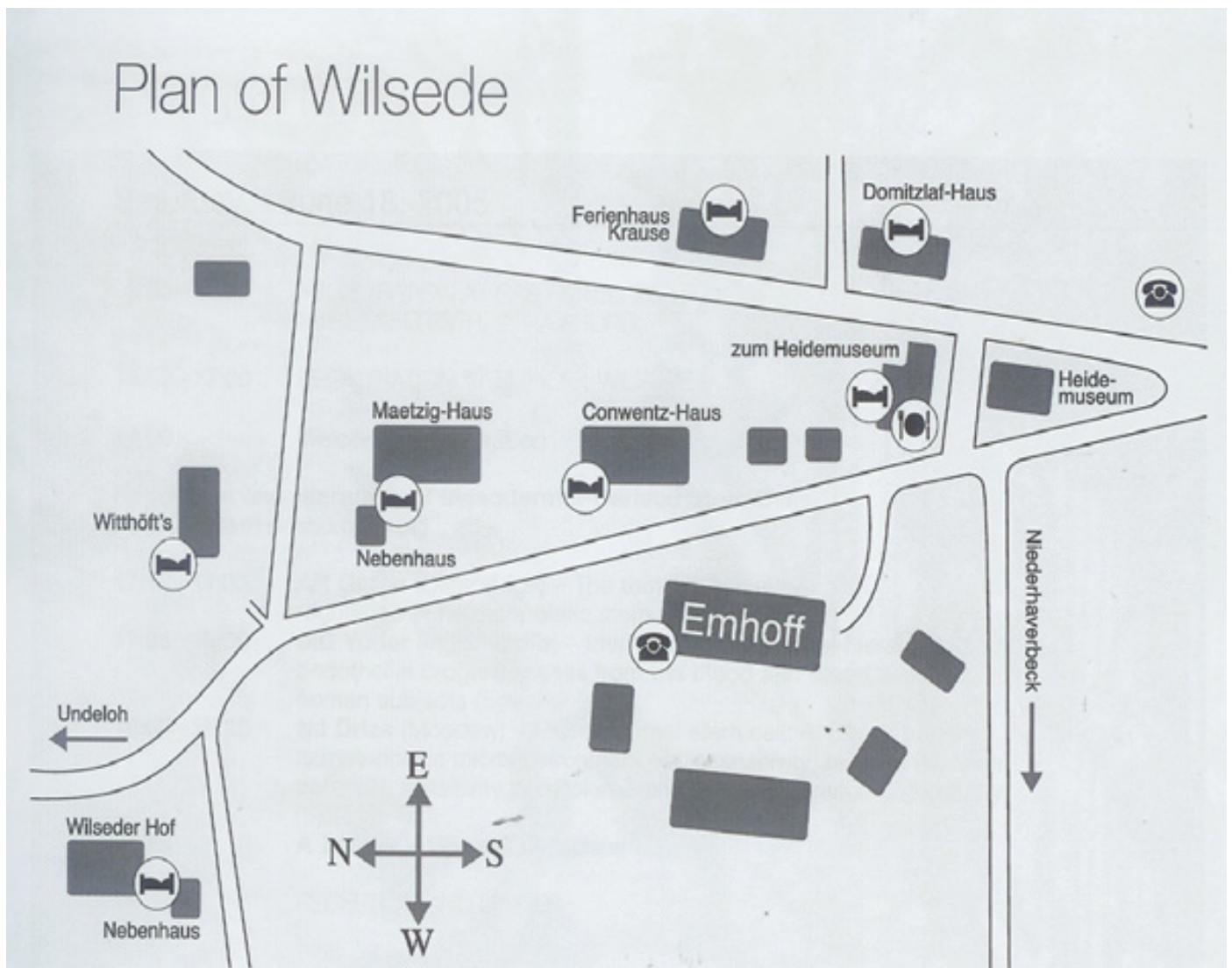
Facts

Wilsede

... is located in the heart of the Lüneburger Heide (Heath), one of the most magnificent and oldest national parks in Europe. The conservation society »Naturschutzpark Verein« (NVP) was founded in 1909 to preserve this unique moorland between Hamburg and Hannover, including the small village of Wilsede, whose existence can be traced back to 1287. Located within the nature reserve, where neither cars or other motorized vehicles are allowed, Wilsede can only be reached by foot, horse carriage, or bicycle. It has been the site of the »Wilsede Meetings: Modern Trends in Human Leukemia« since 1973, gathering Haematologists and Oncologists from around the world.

A history lesson: »De Emhoff«

... was built in 1609 by family Emmann, who lived there for more than 300 years. In 1960 the meanwhile dilapidated building was to be pulled down, but the NVP, together with the Lower Saxony Authority for Preservation of Historical Monuments, succeeded to place the building under the Preservation Act. About one third of the building was reconstructed under the direction of the architect Prof. Maetzig using the original techniques, e.g. grooved planks instead of nails. The former hallway, cowsheds and stables were rebuilt into a large meeting room and the »Dönz«, the former living room, is today the kitchen. The shape of the lamps is to remind the visitor of the old pitch torches. The architectural style of the Emhoff is said to be the oldest of the moorland region and it is especially typical for the southern part of this region. Nowadays buildings of this kind have almost completely disappeared due to disrepair and deterioration, making Emhoff especially precious.



Organization and Support

Scientific and Organizing Committee

Prof. Dr. med. Boris Fehse

University Medical Center Hamburg-Eppendorf
Department of Stem Cell Transplantation

PD Dr. med. Michael Heuser

Medical School Hannover
Hematology, Hemostaseology, Oncology and Stem Cell Transplantation

Prof. Dr. med. Nicolaus Kröger

University Medical Center Hamburg-Eppendorf
Department of Stem Cell Transplantation

Dr. med. Florian Kuchenbauer

University Hospital Ulm
Department of Internal Medicine III / Institute of Experimental Cancer Research

PD Dr. med. Dr. rer. nat. Sonja Loges

University Medical Center Hamburg-Eppendorf
Center of Oncology | Department of Internal Medicine II

Main-Sponsor

Deutsche Krebshilfe e.V.

Co-Sponsors

Deutsche Forschungsgemeinschaft (DFG)
Heinrich Pette Institute, Leibniz Institute for Experimental Virology
University Medical Center Hamburg-Eppendorf (UKE)

Abstract reviewer

Prof. Dr. med. Mascha Binder

University Medical Center Hamburg-Eppendorf
II. Medical Clinic and Polyclinic

PD Dr. med. Max Christopeit

University Medical Center Hamburg-Eppendorf
Department of Stem Cell Transplantation

PD Dr. med. Michael Heuser

Hannover Medical School
Department of Haematology, Hemostasis, Oncology and Stem Cell Transplantation

Dr. rer. nat. Dipl.-Biol. Stefan Horn

University Medical Center Hamburg-Eppendorf
Department of Stem Cell Transplantation

Ph.D. Carol Stocking-Harbers

Heinrich Pette Institute
Leibniz Institute for Experimental Virology

Prof. Dr. rer. nat. Manfred Jücker

University Medical Center Hamburg-Eppendorf
Institute of Biochemistry and Signal Transduction

Dr. med. Ph.D. Florian Kuchenbauer

University Hospital of Ulm
Institute of Experimental Cancer Research

PD. Dr. rer. nat. Dipl.-Biochem. Claudia Lange

University Medical Center Hamburg-Eppendorf
Department of Stem Cell Transplantation

PD Dr. med. Dr. rer. nat. Sonja Loges

University Medical Center Hamburg-Eppendorf
II. Medical Clinic and Polyclinic

Prof. Dr. med. Martin Trepel

Augsburg Hospital
II. Department of Internal Medicine

Office | Contact

CSi Hamburg GmbH
Conferences | Symposia | Incentives
Jungfrauenthal 22
20149 Hamburg, Germany
Phone: +49 40 30770300

On-site Registration · Emhoff/Wilsede

Contact
Alexandra Werner +49 157 35 73 00 04
Antje Blömeke +49 157 35 73 00 06

Meeting point

University Medical Center Hamburg-Eppendorf (UKE)
Campus Lehre | Building N55
Martinistrasse 52 | 20251 Hamburg
(via main entrance or back entrance at Süderfeldstrasse)

From 08.30

Registration and pick up of conference material

Bus transfer at

10.00, 12.00 and 14.00 to the National Park
(entrance Undeloh) For transport from Undeloh to Wilsede,
horse carriages will be departing or please feel free to get a
bike or enjoy a nice walk.

Horse Carriage (Schedule)

June 18, 2016 (Arrival)

11.30	from Undeloh	to Wilsede
13.30	from Undeloh	to Wilsede
15.30	from Undeloh	to Wilsede
22.30	from Wilsede	to Undeloh

June 19 & 20, 2016

08.00	from Undeloh	to Wilsede
22.30	from Wilsede	to Undeloh

June 21, 2016 (Departure)

08.00	from Undeloh	to Wilsede
12.00	from Wilsede	to Undeloh
13.00	from Wilsede	to Undeloh

! Undeloh: parking lot near »Undeloher Hof«

Registration Hamburg/Wilsede

June 18, 2016	08.30 to 14.00
Campus Lehre, Building N55 University Medical Center Hamburg-Eppendorf (UKE)	
June 18, 2016	14.00 to 17.00
June 19-20, 2016	08.00 to 18.00
June 21, 2016	08.00 to 12.00

Bicycles (»rent-a-bike«)

A deposit of 10,- Euros is required and will be refunded after
return of the bike.

! Undeloh: »Hotel Heiderose«
Wilsede: »Wilseder Hof«

Departure (June 21, 2016)

Bus transfer from parking lot in Undeloh to Hamburg
airport and/or central station:

Departures 12.30 and 13.30

Attire of the meeting: Casual

General Information

Poster Session (including presenting authors)

The opportunity to present research or clinical results will be provided in two poster sessions (please see schedule). Posters will be grouped by sections. All poster presenters are called to present their contribution in a 4-minute poster fast-forward presentation. Please arrive to your session on time. Your Poster-Number was announced by E-Mail and the poster wall is marked with your number.

Poster Session I Sunday, June 19, 2016 | 17:00-19:00

Leukemogenesis (III),
OMICs (Genomics, Transcriptomics, Proteomics,
Epigenomics...) (IV)
Targeted therapies (V),
New treatments (Cell, Gene, Immune therapy) & agents (VI)

S-III-01 · S-III-02 · S-III-03 · S-III-04 · S-III-05 · S-III-06 ·
S-III-07 · S-III-08 · S-III-09 · S-III-10 · S-III-11 · S-III-12 ·
S-III-13 · S-III-14 · S-III-15

S-IV-16 · S-IV-17 · S-IV-18 · S-IV-19 · S-IV-20 · S-IV-21

S-V-22 · S-V-23 · S-V-24 · S-V-25 · S-V-26 · S-V-27

S-VI-28

Poster Session II Monday, June 20, 2016 · 13:30-15:30

Tumour heterogeneity & metastasis (I),
Stem cells in homeostasis and disease (II),
New treatments (Cell, Gene, Immune therapy) &
approaches (VII)

M-I-01 · M-I-02 · M-I-03 · M-I-04 · M-I-05 · M-I-06 · M-I-07 ·
M-I-08 · M-I-09 · M-I-10

M-II-11 · M-II-12 · M-II-13 · M-II-14 · M-II-15 · M-II-16 ·
M-II-17 · M-II-18 · M-II-19 · M-II-20 · M-II-21 · M-II-22 ·
M-II-23

M-VII-24 · M-VII-25 · M-VII-26 · M-VII-27 · M-VII-28 ·
M-VII-29 · M-VII-30

M = Monday · S = Sunday Roman numerals = Topic

Location

Conwentz-Haus, Maetzig-Haus

Poster Size

Portrait formatted posters in DIN A0 size (118.9 cm x 84.1 cm) are recommended. The size of your printed poster should not exceed 145 cm in height and 95 cm in width.

Poster Hanging

On the evening or morning before the session, but may be set up 1 hour at latest, before the start of the session.

„Sunday-Poster-Session-presenter“:

We would highly appreciate the dismantling of your Poster directly after the Session. Please keep in mind that your Poster-wall is shared with the presenters of the Monday-Poster-Session. Thank you for your consideration.

Saturday | June 18, 2016

08.30 – 14.00	Registration at UKE N55 (Hamburg) and in Wilsede	
16.30 – 16.40	Welcome address (Emhoff) Boris Fehse & Nicolaus Kröger, Hamburg - DE	

Session I: Stem cells & stroma

Chairs: Tsvee Lapidot, Rehovot/IL; Simon Mendez-Ferrer, Cambridge/UK

16.40-17.05	Remodelling of Mesenchymal stroma cells by Acute Myeloid Leukemia (AML) Cells Dominique Bonnet, London - UK	Speaker 01
17.05-17.30	Microenvironmental HSC regulation in space and time Simon Mendez-Ferrer, Cambridge - UK	Speaker 02
17.30-17.55	Molecular and Functional Heterogeneity of Dormant HSCs Nina Cabezas-Wallscheid, Heidelberg - DE	Speaker 03
18.00-19.00	Special Lecture Metabolic regulation of blood and bone forming stem cells by the endothelial barrier: the role of ROS and nitric oxide Tsvee Lapidot, Rehovot - IL	Speaker 04
19.30	Welcome Reception and Dinner Wilseder Hof	

Programme

Sunday | June 19, 2016

Sunday | June 19, 2016

Session II: Myeloproliferative neoplasia I

Chairs: Tony Green, Cambridge - UK; Carol Stocking, Hamburg - DE

09.00-09.25	Structural and Molecular Bases of Pathologic Signaling by JAK2 and Tpo Receptor Mutants in Myeloproliferative Neoplasms: Perspectives for Therapy Stefan Constantinescu, Brussels - BE	Speaker 05
09.25-09.50	Stem cell origin and disease initiation of myeloproliferative neoplasms Radek Skoda, Basel - CH	Speaker 06
09.50-10.15	Genetic basis of Ph- myeloproliferative neoplasms Robert Kralovics, Vienna - AT	Speaker 07
10.15-10.30	The metabolite R-2-hydroxyglutarate (R-2HG), but not S-2HG, collaborates with HoxA9 to induce monocytic leukemia in vivo (selected abstract) Anuhar Chaturvedi, Hannover - DE	Speaker 08
10.30-11.00	Coffee break	

Session III: Myeloproliferative neoplasia II

Chairs: Robert Kralovics, Vienna - AT; Radek Skoda, Basel - CH

11.00-11.25	CALR mutants induce a myeloproliferative disorder through activation of the thrombopoietin receptor MPL and JAK2 William Vainchenker, Villejuif - FR	Speaker 09
11.25-11.50	The myeloproliferative neoplasms, JAK/STAT signalling and stem cell subversion Tony Green, Cambridge - UK	Speaker 10
11.50-12.15	Acute myeloid leukemia: roadblock to differentiation Michael Heuser, Hannover - DE	Speaker 11
12.15-12.30	HSC genetic heterogeneity determines clonal dynamics in PMF (short talk) Ioanna Trivaii, Hamburg - DE	Speaker 12
12:30-12:45	Attenuation of PKC Activity Augments Hematopoietic Stem and Progenitor Cells Proliferation and Fitness (short talk) Tata Nageswar Rao, Basel - CH	Speaker 13
12.45-14.00	Lunch (Heidemuseum) & Poster viewing	

Sunday | June 19, 2016

Session IV: Canceromics

Chairs: Bertie Goettgens, Cambridge - UK; Phil Koeffler, Los Angeles - US

14.00-14.25	Acute Leukemia: Genomic Abnormalities, Even Before the Disease Develops Phil Koeffler, Los Angeles - US	Speaker 14
14.25-14.50	Meis transcription factors in normal and leukemic hematopoiesis Keith Humphries, Vancouver - CA	Speaker 15
14.50-15.15	MicroRNA-155 and microRNA-708 are opposing modulators of Hoxa9 activity in acute myeloid leukemia Florian Kuchenbauer, Ulm - DE	Speaker 16
15.15-15.30	Integrated Analysis of the Human Hematopoietic Non-Coding RNA Landscape Reveals Lnc-RNA Stem Cell Signature in AML (selected abstract) Jan-Henning Klusmann, Hannover - DE	Speaker 17
15.30-16.00	Coffee break	

Intermezzo: Immunotherapy I

Chair: Archana Thakur, Charlottesville - US

16.00-16.25	Off-the-shelf engineered cord blood NK cells for eradication of leukemia Katy Rezvani, Houston - US	Speaker 18
16.25-16:40	Identification of Immune Checkpoint Ligands PVR and PVRL2 as Novel Therapeutic Targets in Acute Myeloid Leukemia (selected abstract) Hauke Stamm, Hamburg - DE	Speaker 19
17.00-19.00	POSTER SESSION I (Conwentz-Haus, Maetzig-Haus) Chairs: Michael Heuser, Hannover - DE Florian Kuchenbauer, Ulm - DE Leukemogenesis (III), OMICs (Genomics, Transcriptomics, Proteomics, Epigenomics...) (IV), Targeted therapies (V), New treatments (Cell, Gene, Immune therapy) & agents (VI)	
19.00	Barbecue and Live Music ‚Les amis‘ »Emhoff«	

Programme

Monday | June 20, 2016

Monday | June 20, 2016

Session V: Stem cells in homeostasis and disease I

Chairs: Ulrich G. Steidl, New York - US; David Williams, Boston - US

09.00-09.25	Molecular analysis of individual primitive human hematopoietic cells before and after their stimulation Connie Eaves, Vancouver - CA	Speaker 20
09.25-09.50	Regulatory Network Control of Blood Cell Development Bertie Goettgens, Cambridge - UK	Speaker 21
09.50-10.15	Model-based prediction of long-term molecular response in TKI treated CML Ingo Roeder, Dresden - DE	Speaker 22
10.15-10.30	Analysis of the subclonal architecture of adult B-ALL reveals highly plastic surface marker expression contradicting a common stem cell phenotype (selected abstract) Bartosch Wojcik, Frankfurt - DE	Speaker 23
10.30-11.00	Coffee break	

Session VI: Stem cells in homeostasis and disease II

Chairs: Connie Eaves, Vancouver - CA; Keith Humphries, Vancouver - CA

11.00-11.25	The role of RhoGTPases in normal and malignant hematopoiesis David Williams, Boston - US	Speaker 24
11.25-11.50	Transcriptional Dysregulation in Precancerous Stem Cells and their Progression to MDS and AML Ulrich G. Steidl, New York - US	Speaker 25
11.50-12.15	Stem cell gene therapy - what cells should we target? Hans-Peter Kiem, Seattle - US	Speaker 26
12.15-12.30	Genetic and functional diversity between single stem cell clones of a patient's ALL sample growing in mice (selected abstract) Irmela Jeremias, Munich - DE	Speaker 27
12.30-13.30	Lunch (Heidemuseum) & Poster viewing	
13.30-15.30	POSTER SESSION II (Conwentz-Haus, Maetzig-Haus) Chairs: Nicolaus Kröger, Hamburg - DE Sonja Loges, Hamburg - DE Tumour heterogeneity & metastasis (I), Stem cells in homeostasis and disease (II), New treatments (Cell, Gene, Immune therapy) & approaches (VII)	
15.30-15.45	Vorstellung der Förderprogramme der Deutschen Krebshilfe Matthias Serwe, Bonn - DE	

Monday | June 20, 2016

Session VII: New targets, novel therapies

Chairs: Olaf Heidenreich, Newcastle upon Tyne - UK; Richard Lock, Sydney - AU

15.45-16.10	New Agent Testing in Paediatric Leukaemia Richard Lock, Sydney - AU	Speaker 28
16.10-16.25	A novel selective inhibitor of mutant IDH1 promotes differentiation in vivo and prolongs survival in a mouse model of leukemia (selected abstract) Ramya Goparaju, Hannover - DE	Speaker 29
16.25-16.55	Coffee break	
16.55-17.20	Axl-targeting - a novel treatment approach for AML? Sonja Loges, Hamburg - DE	Speaker 30
17.20-17.45	Integrative Genomics Identifies the Molecular Basis of Resistance to Azacitidine Therapy in Myelodysplastic Syndromes John Pimanda, Sydney - AU	Speaker 31
17.45-18.10	t(8;21) AML is susceptible to G1 CDK inhibition Olaf Heidenreich, Newcastle upon Tyne - UK	Speaker 32
19.00	Farewell Dinner »Emhoff«	

Programme

Tuesday | June 21, 2016

Tuesday | June 21, 2016

Session VIII: Immunotherapy I

Chairs: Tuna Mutis, Amsterdam - NL; Paul Veys, London - UK

09.00-09.25	First-in-man use of gene-edited universal (U)CAR19 T cells to induce remission of refractory relapsed acute lymphoblastic leukaemia Paul Veys, London - UK	Speaker 33
09.25-09.50	Adoptive T-cell therapy Gerald Willimsky, Berlin - DE	Speaker 34
09.50-10.05	Receptor-transgenic T cells for the Immunotherapy of Multiple Myeloma (short talk) Sara Yousef, Hamburg - DE & Utah - US	Speaker 35
10.10-10.40	Coffee break	
10.40-11.05	Immunotherapy of Multiple Myeloma by targeting CD38: antibodies, CART cells and beyond Tuna Mutis, Amsterdam - NL	Speaker 36
11.05-11.30	Enhanced Transfer of Specific Anti-Cancer Immunity by Infusions of Bispecific Antibody Armed T cells Given Prior to Stem Cell Transplant Archana Thakur, Charlottesville - US	Speaker 37
11.30-11.45	Prognostically favorable B-cell immune responses after allogeneic stem cell transplant define a unique targetable epitope fingerprint of multiple myeloma (selected abstract) Anna Oberle, Hamburg - DE	Speaker 38
11.45	Concluding remarks	
from 12.00	Departure (packed Lunch)	

**We thank you for your active participation
and wish you a pleasant and safe trip home.
Hope to see you again for the
Wilsede Meeting in June 2018!**