European EBV Meeting 2017

July 6-7th

Max Delbrück Center for Molecular Medicine
Berlin

PROGRAM

Hosted by:
Research Group Immune Regulation and Cancer

Contact: EBV.meeting@mdc-berlin.de
CONFERENCE INFORMATION

Venue:
Max Delbrück Center for Molecular Medicine (MDC) in the Helmholtz Association
Max Delbrück Communications Center (MDC.C)/Building 83
Campus Buch
Robert-Rössle-Straße 10
13125 Berlin, Germany

Date:
July 6-7th, 2017

Organizers:
Thomas Sommermann
Claudia Große
Riikka Laukonen-Seitz

Host:
Research Group Immune Regulation and Cancer, Head: Klaus Rajewsky
SCIENTIFIC PROGRAM

Thursday, July 6th

11:30  Registration and lunch (poster setup)
12:45  Welcome

Session 1 (Chair: Michelle West)

12:50  Talk 1 – Simone Bürgler – University Children's Hospital Zürich
Epstein-Barr virus induces expression of the mutagenic enzyme APOBEC3G, which may promote the c-myc translocation that drives Burkitt's lymphoma

13:15  Talk 2 – Rosita Accardi – IARC Lyon
Viral driven epigenetic events alter the expression of cancer-related genes in Epstein-Barr-virus naturally infected Burkitt lymphoma cell line

13:40  Talk 3 – Romina C. Vargas-Ayala – IARC Lyon
Epstein-Barr-virus infection leads to altered expression of the histones modifier KDM2B through an epigenetic mechanism

14:05  Talk 4 – Sana Alqarni – University of Glasgow
Epstein-Barr Virus nuclear antigen-1, action and reaction as an oncogene

14:30  Coffee

Session 2 (Chair: Bettina Kempkes)

15:00  Talk 5 – Thomas Sommermann – MDC Berlin
Defining transforming events in LMP driven lymphomagenesis

15:25  Talk 6 – Adam Gillman – Imperial College London
Genetic analysis of the requirement for Notch transcription factor RBPJ (CBF1) in EBNA3C-mediated gene regulation

15:50  Talk 7 - Rajesh Ponnusamy - University of Sussex
Studying the role of interactions between type 1 and type 2 EBNA2 and the transcriptional repressor BS69 in regulating transformation efficiency

16:15  Break
16.35  Talk 8 - Xiang Zhang – Helmholtz Zentrum München
Structure and function of EBNA2/PLK1 protein complex

17:00  Departure for dinner downtown

20:00  Boat trip on the River Spree

**Friday, July 7th**

9:30  Opening remarks

**Session 3 (Chair: Ingmar Ernberg)**

9:35  Talk 9 – Lucia Mundo – University of Siena
Unveiling another missing piece in EBV-driven lymphomagenesis: EBV detection in “EBER-negative” B-cell lymphomas

10:00  Talk 10 – Vladyslav Tsaryk - Bogomolets National Medical University, Kyiv
The features of Epstein-Barr virus infection, unusual clinical cases

10:25  Talk 11 – Klemens Ruprecht – Charité Berlin
HLA-DRB1*15:01 confers susceptibility to Epstein-Barr Virus infection to B cells linking genetic and environmental risk factors for multiple sclerosis

10:50  Coffee

**Session 4 (Chair: Rosita Accardi)**

11:15  Talk 12 - Emmanuel Drouet - Université Grenoble-Alpes
Lytic EBV infection investigated by detection of Soluble Epstein-Barr virus ZEBRA in the serum of patients with PTLD

11:40  Talk 13 - Henri Gruffat - INSERM, Lyon
Epstein-Barr virus protein EB2 stimulates translation initiation of mRNAs through direct interactions with both PABP and eIF4G

12:05  Lunch break

**Session 5 (Chair: Emmanuel Drouet)**

13:00  Talk 14 - Fabian Giehle – Helmholtz Zentrum München
The unique structure of the direct LMP1::TRAF6 complex is critical for LMP1 signaling and serves as target for inhibitory molecules
13:25   Talk 15 - Christine Styles – Imperial College London
        EBV epigenetically suppresses the B cell-to-plasma cell
differentiation pathway while establishing long-term latency

13:50   Break

Session 6 (Chair: Henri Gruffat)

14:20   Talk 16 - Ingmar Ernberg - Karolinska Institutet, Stockholm
        Intercellular cancer cell heterogeneity beyond genes and
        epigenetics explored using EBV-carrying cell lines

14:45   Talk 17 – Tristan Wirtz – MDC Berlin
        Mouse models of EBV immune surveillance

15:10   Concluding remarks