

## Friday, 5<sup>th</sup> of May 2017

09.00 a.m. Welcome and introduction  
Dean of Research: Dirk Vordermark  
Organizer: Barbara Seliger

**Session: Immune signatures and biomarkers**  
**Chair: Alberto Mantovani / Gal Markel**

09.15 – 09.45 a.m.  
Peter Fasching (Erlangen, GER)  
Mutational make up of breast cancer

09.45 – 10.05 a.m.  
Stina Wickstrom (Stockholm, S)  
Functional analysis of neoantigens identified by NGS,  
bioinformatics and mass spectrometry analysis in  
advanced melanoma

10.05 – 10.35 a.m.  
Sine Reker Hadrup (Frederiksberg, DK)  
Integrating cancer genomics with immune phenotyping

10.35 – 11.10 a.m. **Coffee break**

**Key note lecture**  
**Chair / Introduction: Barbara Seliger**

11.10 – 12.00 a.m.  
Alberto Mantovani (Milan, I)  
Tumor-associated macrophages from bench to bedside

**Session: Immune escape and immune modulation**  
**Chair: Sine Reker Hadrup / Samir Khleif**

12.00 – 12.30 p.m.  
Olaf Groß (Munich, GER)  
Imiquimod inhibits mitochondrial complex I for K<sup>+</sup>  
efflux-independent NLRP3 inflammasome activation  
and cancer cell growth arrest

12.30 – 12.45 p.m.  
Ingeborg Zehbe (Thunder Bay, CDN)  
Langerhans cells in the context of human papilloma-  
virus infection— an aspect of virus-host-interactions

12.45 – 02.00 p.m. **Lunch break and poster session**  
**Chair: Greta Guarda / Robbert Spaapen**

**Session: Immune escape and immune responses**  
**Chair: Oliver Gross / Marina Kreutz**

02.00 – 02.30 p.m.  
Robbert Spaapen (Amsterdam, NL)  
Genome-editing strategies identify glycolipid regulation  
of functional MHC class I on tumor cells

02.30 – 03.00 p.m.  
Greta Guarda (Epalinges, CH)  
Novel mechanisms regulating cytotoxic T cell respons-  
es

03.00 – 03.30 p.m.  
Barbara Seliger (Halle, GER)  
IFN- $\gamma$  pathway and immune escape

03.30 – 04.00 p.m. **Coffee break**

**Session: Tumor microenvironment and immunity**  
**Chair: Michael Bachmann / Tanja de Gruijl**

04.00 – 04.30 p.m.  
Marina Kreutz (Regensburg, GER)  
Tumor-derived lactic acid promotes tumor growth via  
inhibition of interferon- $\gamma$  production by T cells and NK  
cells

04.30 – 05.00 p.m.  
Sergio Rutella (Nottingham, UK)  
Targeting immune suppression in the leukaemia mi-  
croenvironment

05.00 – 05.30 p.m.  
John Hiscott (Rome, I)  
Cytosolic viral sensing pathways as regulatory targets  
for antiviral and vaccine development

07.00 – 08.00 p.m.  
Reception at the City museum

## Saturday, 6<sup>th</sup> of May 2017

**Session: Novel immunotherapeutic strategies and re-  
sistance mechanisms**  
**Chair: John Hiscott / Peter Fasching**

08.30 – 09.00 a.m.  
Gal Markel (Tel Aviv, IL)  
A look into melanoma immune resistance mechanisms

09.00 – 09.30 a.m.  
Michele Maio (Siena, I)  
Role of epigenetic alterations in tumors and their modu-  
lation by demethylating agents

09.30 – 10.00 a.m.  
Shlomo Elias (Jerusalem, IL)  
The other side of anti-CD20 antibodies: activation of Fc  
receptors by anti-CD20 antibodies in CLL

10.00 – 10.30 a.m. **Coffee break**

**Session: Combination therapy**  
**Chair: Sergio Rutella / Gal Markel**

10.30 – 11.00 a.m.  
Tanja de Gruijl (Amsterdam, NL)  
Targeting the sentinel lymph node for the treatment of  
early-stage tumors

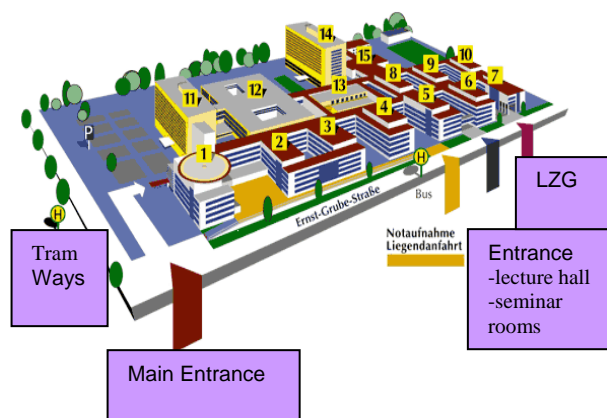
11.00 – 11.30 a.m.  
Samir Khleif (Augusta, USA)  
Natural products, a smart rational approach to combina-  
tion immune therapy

11.30 – 12.00 a.m.  
Michael Bachmann (Dresden, GER)  
Conventional CARs versus molecular CARs

12.00 – 12.30 p.m.  
Wrap up and closing remarks

## Meeting location:

Martin Luther University  
University Hospital (Halle-Kroellwitz)  
Ernst-Grube-Strasse 40; 06120 Halle  
Building 6, Lecture Hall



Airport or main train station transportation:  
Various taxi companies service the airport Leipzig or the main train station Halle. A cab ride costs approx. 45 € from the airport to the clinic and from the train station to the Conference venue approx. 8 €. In addition, public train service is available from the airport to Halle (every 30 min.).

From the main train station in Halle you can take the tram no. 4 or 5, direction **Heide** or **Kroellwitz**.

## Parking information:

Several parking facilities are located next to the Ernst-Grube-Street. Please follow the sign „Parkplatz Universitätsklinik“.

## Registration fee:

150 € - payable until 2017, 21<sup>st</sup> of April  
or cash at the registration desk

### Vouchers are required for registration.

MLU members will be charged for 50 €,  
students for free

Registration could be waived in special cases  
(Please bring in your MLU/UKH ID card)

Bank name: Deutsche Apotheker- und Aerztebank  
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## Symposium secretary:

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The Medical Association of Saxony-Anhalt credits this educational activity with 7 points (workshop) and 12 points (symposium).  
You will receive a certificate of attendance on site at the registration desk.

## We thank our sponsors:

Astra Zeneca GmbH (1.500 €), Becton Dickinson GmbH, Bodesix, Bristol-Myers Squibb (3.000 €), CDDF (Cancer Drug Development Forum) (2.500 €), City of Halle, CureVac (2.000 €), Deutsche Forschungsgemeinschaft (DFG), Deutsche Gesellschaft für Immunologie (DGfI), Epiontis GmbH, Essen BioScience Ltd, Life Science Solutions PerkinElmer, Lipocalyx GmbH, Merck Serono GmbH (750 €), Miltenyi Biotec GmbH, nanoString Technologies, Novartis Pharma GmbH (750 €), Pfizer Pharma GmbH (1.000 €), Qiagen GmbH, Sarstedt, Sciomics GmbH, SERVA GmbH, Society for Immunotherapy of Cancer

## Symposium

„Tumor Immunology meets Oncology XIII“

May 05<sup>th</sup> – 06<sup>th</sup> 2017



**Martin Luther University  
Halle-Wittenberg  
University Hospital Halle (Saale)**

**Institute of Medical Immunology  
Prof. Dr. Barbara Seliger**

in cooperation with the



and

