



Medical Faculty  
Martin-Luther-University  
Halle-Wittenberg

*April 28th – 30th 2016*

## Workshop & Symposium

# „Tumor Immunology meets Oncology XII“

Institute of Medical Immunology  
Prof. Dr. Barbara Seliger



**SCIENTIFIC PROGRAM**

## Workshop program „Tumor immunology”

Date: 28th of April 2016

Venue: Auditorium, Magdeburger Str. 24, Halle, Germany

**12.00 – 12.15 p.m.**

**Introduction:**

Barbara Seliger

**Session: News of tumor immunology**

**Chair: Joerg Wischhusen / Annette Paschen**

**12.15 – 12.30 p.m.**

Effect of mast cells and their soluble mediators on the *in vitro* proliferation of ovarian cancer cells

Christine Weißenborn (Magdeburg, GER)

**12.30 – 12.45 p.m.**

Arginase activity in the blood and tissue of breast cancer patients in Ethiopia

Tamrat Abebe Zeleke (Addis Ababa, ETH)

**12.45 – 01.00 p.m.**

Detection of interleukin-23-expressing 6-sulfo LacNAc dendritic cells in colon cancer

Rebekka Wehner (Dresden, GER)

**01.00 – 01.15 p.m.**

Clinical *in vivo* application and transcriptional *in vitro* characterization of designer DCs for therapeutic vaccination of melanoma

Stefanie Hoyer (Erlangen, GER)

**01.15 – 01.30 p.m.**

Development of tri-specific immunoligands to harness NK cell effector functions towards tumor cells

Goekçen Goezuem (Cologne, GER)

**01.30 – 01.45 p.m.**

Targeted NK cells display potent activity against glioblastoma and induce protective antitumor immunity

Congcong Zhang (Frankfurt, GER)

**01.45 – 02.00 p.m.**

Natural polymer X: a novel adjuvant to explore new anti-tumor vaccination strategies

Anna Dalla Pietà (Padua, I)

**02.00 – 02.15 p.m.**

Development of CD4<sup>+</sup> T cell resistance in the course of melanoma progression culminates in total T cell resistance in the context of MHC class I deficiency

Christina Heeke (Essen, GER)

**02.15 – 02.30 p.m.**

Selenium meets tumor immunology and oncology

Claudia Lennicke (Halle, GER)

**02.30 – 02.45 p.m.**

A thiol-disulfide switch in the regulation of cytoskeletal dynamics

Manuela Gellert (Greifswald, GER)

**02.45 – 03.00 p.m.**

Low dose gemcitabine-loaded lipid nanocapsules target monocytic myeloid-derived suppressor cells and potentiate cancer immunotherapy

Kevin Leone (Padua, I)

**03.00 – 03.30 p.m. Coffee break**

**Session: Methods and more news**

**Chair: Elfriede Noessner / Marc Schmitz**

**03.30 – 03.45 p.m.**

Targeting simultaneously non-mutated HLA.A2-restricted MDM2 and p53 tumor-associated antigens as a novel double-edged sword approach for TCR gene therapy for multiple myeloma

Eva Amann (Mainz, GER)

**03.45 – 04.00 p.m.**

Identifying targets to eradicate acute myeloid leukemia stem cells

Carolin Pabst (Halle, GER)

**04.00 – 04.15 p.m.**

Redirection of human T cells to EGFR expressing tumor cells *via* a novel universal chimeric antigen receptor system

Susann Albert (Dresden, GER)

**04.15 – 04.30 p.m.**

"Two more powerful than one? - How two CARs modulate redirected T cell activation"

Astrid Holzinger (Cologne, GER)

**04.30 – 05.00 p.m.**

Immunophenotype and antigenomes of solid tumor therapies

Zlatko Trajanoski (Innsbruck, A)

**05.00 – 05.20 p.m.**

Imaging in cancer immunology research: phenotyping of multiple immune cell subsets in FFPR tissue

Bjoern Wendik (PerkinElmer, Rodgau, GER)

**05.20 – 05.40 p.m.**

Blood based pre-treatment testing for checkpoint inhibitor efficacy

Heinrich Roeder (Biodesix, Boulder, USA)

**05.40 – 06.00 p.m.**

High-content protein profiling - cancer biomarkers, pathway profiling and disease mechanisms

Christoph Schroeder (Sciomics, Heidelberg, GER)

**Summary:** *Barbara Seliger*

## Symposium program „Tumor immunology”

Date: 29th of April 2016

Venue: Auditorium, Magdeburger Str. 24, Halle, Germany

09.00 a.m.

Welcome and introduction

Barbara Seliger, Michael Gekle

**Session: Immune signatures and biomarkers**

**Chair: Guenther Haemmerling / Olivera Finn**

09.15 – 09.45 a.m.

A universal cancer vaccine alternative to personalized cancer vaccine strategies

Bernhard Fox (Portland, USA)

09.45 – 10.15 a.m.

Identification of genetic determinants of anti-tumor immune responses using system biology approaches

Davide Bedognetti (Doha, Q)

10.15 – 10.45 a.m.

On the identification of prognostic and predictive biomarkers in breast and prostate cancers

Constantin Baxevanis (Athens, GR)

10.45 – 11.15 a.m. *Coffee break*

**Session: Effector cells and immune responses**

**Chair: Bernhard Fox / Samir Khleif**

11.15 – 11.45 a.m.

The immunogenicity of breast cancer

Pierre Coulie (Brussels, BE)

11.45 – 12.15 p.m.

What T cells see on human cancer!

Pia Kvistborg (Amsterdam, NL)

12.15 – 12.45 p.m.

Oncobacteria: treatment of tumors with bacteria

Ofer Mandelboim (Jerusalem, IL)

**12.45 – 01.00 p.m.**

Identification of a new human natural killer cell population

Jacques Zimmer (Luxemburg, L)

*01.00 – 01.45 p.m. Lunch break*

**Special lecture**

**Chair / Introduction: Barbara Seliger**

**01.45 – 2.15 p.m.**

Cancer immune surveillance and immune prevention

Olivera Finn (Pittsburgh, USA)

**Session: Immune escape and immune modulation**

**Chair: Ofer Mandelboim / Patrick Michl**

**02.15 – 02.45 p.m.**

Epigenetic modulation of the immune suppressive tumor network

Gosse Adema (Nijmegen, NL)

**02.45 – 03.15 p.m.**

Role of the metabolism in immune surveillance and escape of tumors

Barbara Seliger (Halle, GER)

**03.15 – 03.45 p.m.**

Immune modulatory activity of non-cytotoxic chemotherapy

Angus Dalgleish (London, UK)

*03.45 – 04.15 p.m. Coffee break*

**Session: Tumor microenvironment and immunity**

**Chair: D. Riemann / Pierre Coulie**

**04.15 – 04.45 p.m.**

Control of tumor immunity by innate cells in the tumor microenvironment

Guenther Haemmerling (Heidelberg, GER)

**04.45 – 05.15 p.m.**

Enhancing anti-tumor immunity and neutralization of immune suppression in the tumor microenvironment

Suzanne Ostrand-Rosenberg (Philadelphia, USA)

**05.15 – 05.45 p.m.**

Circulating myeloid cells and exosomes: a window to patient's immune suppression

Licia Rivoltini (Milano, I)

## **Symposium program „Tumor immunology”**

Date: 30th of April 2016

Venue: Auditorium, Magdeburger Str. 24, Halle, Germany

**Session: Novel immunotherapeutic strategies and monitoring**

**Chair: Thomas Tueting / Licia Rivoltini**

**08.30 – 09.00 a.m.**

Targeting infiltrating myeloid cells in pancreatic cancer - a new therapeutic option?

Patrick Michl (Halle, GER)

**09.00 – 9.30 a.m.**

Outsourcing cancer immunity

Johanna Olweus (Oslo, NOR)

**09.30 – 10.00 a.m.**

Combination therapy of checkpoint blockade in malignant mesothelioma

Luana Calabrò (Siena, I)

**10.00 – 10.30 a.m.**

Prediction of response to check point inhibitors

Giuseppe Curigliano (Milano, I)

**10.30 – 11.00 a.m. Coffee break**

**Session: Combination therapy**

**Chair: Constantin Baxevanis /  
Suzanne Ostrand-Rosenberg**

**11.00 – 11.30 a.m.**

**TKI, immune modulators and a component of  
immune therapy**

Samir Khleif (Augusta, USA)

**11.30 – 12.00 a.m.**

**Combining T cell immunotherapy and signal transduc-  
tion inhibitors for the treatment of melanoma**

Thomas Tueting (Magdeburg, GER)

**12.00 – 12.30 p.m.**

**Improving the efficacy of cancer immunotherapy by  
vascular checkpoint blockade**

Joerg Wischhusen (Wuerzburg, GER)

**12.30 – 12.45 p.m.**

**Wrap up and closing remarks**



**REGISTRATION FEE:**

150 € - payable until 21st of April 2016 or cash at the registration desk - Vouchers are required for registration. MLU members will be charged for 50 €, students for free  
*Registration can be waived in special cases (Please bring in your MLU/UKH ID card)*

**Bank name:**

Deutsche Apotheker- und Aerztebank

IBAN: DE46300606011008814171

SWIFT code: DAAEDED

reason for payment: name, reg. fee TIMO XII

**SYMPOSIUM SECRETARY:**

Sylvi Magdeburg

Institute of Medical Immunology

Martin Luther University Halle-Wittenberg

Magdeburger Straße 2, 06097 Halle (Saale)

Tel. +49 (0) 345 557 5041 / or -1357

Fax +49 (0) 345 557 4055

e-mail: immunologie@uk-halle.de

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 €), Beckman Coulter GmbH, Becton Dickinson GmbH, Biodesix, Bristol-Myers Squibb (3.000 €), City of Halle, Epiontis GmbH, Deutsche Forschungsgemeinschaft (DFG), Deutsche Gesellschaft für Immunologie (DGfI), Essen BioScience Ltd, Life Science Solutions PerkinElmer, Lipocalyx GmbH, Miltenyi Biotec GmbH, nanoString Technologies, Novartis Pharma GmbH (750 €), Pfizer Pharma GmbH (1.000 €), Sarstedt, Sciomics GmbH, SERVA GmbH, Society for Immunotherapy of Cancer





### **1 - Main Entrance**

Magdeburger Straße 24

### **2 - Lecture Hall**

Magdeburger Straße 24

### **21 - Institute of Medical Immunology**

Magdeburger Straße 2

## **CONFERENCE VENUE:**

Martin-Luther-University  
Medical Faculty  
Magdeburger Straße 24, 06112 Halle

### ***Lecture Hall MS24-HS***

## **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. 2, 5 or 12 direction Soltauer Straße, Kroellwitz or Trotha for two stops.

## **PARKING INFORMATION:**

Several parking facilities are located at the Magdeburger Str. 24, enter the main entrance of the hospital.

## **PHOTOS:**

*Photos by © Michael Hoetzel, DGPh*

*in cooperation with the*



*and*



**Institute of Medical Immunology**

**Prof. Dr. Barbara Seliger**

**Director of FOCIS Center of Excellence**

**Martin-Luther-University Halle-Wittenberg**

**Medical Faculty**

**Magdeburger Straße 2**

**06112 Halle (Saale)**

**Tel. +49 (0) 345 557 5041 / or -1357**

**Fax +49 (0) 345 557 4055**

**e-mail: [immunologie@uk-halle.de](mailto:immunologie@uk-halle.de)**