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+ 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
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 transduction 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)

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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:

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Institute of Medical Immunology

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