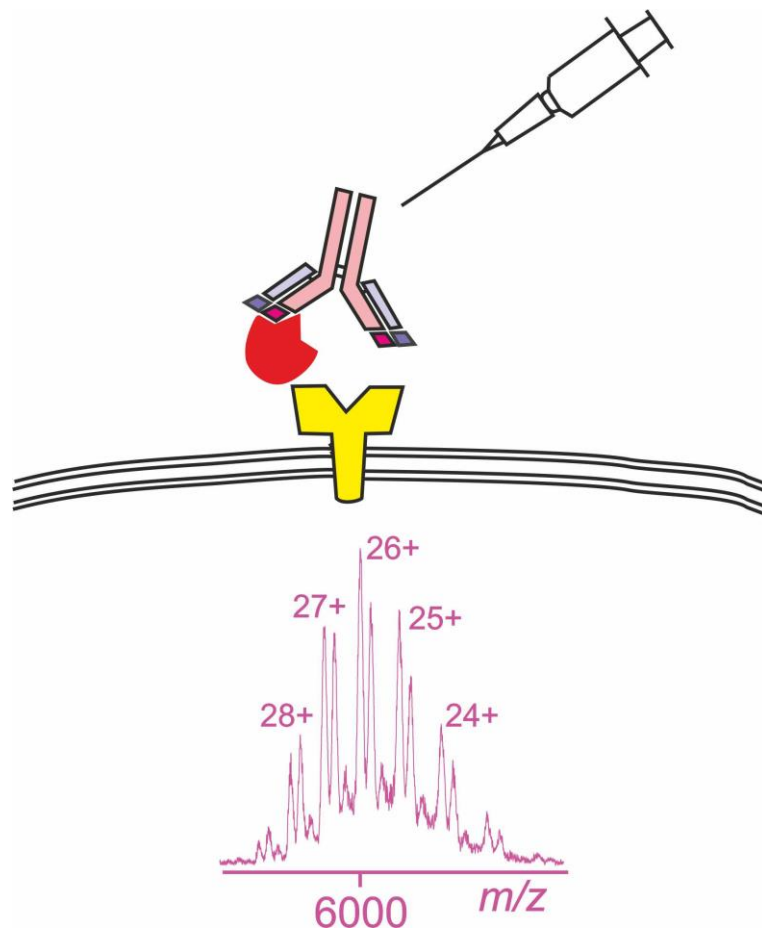


Participants' Camp Summer Semester 2018



*Structured Curriculum for MD and PhD students
Molecular Mechanisms of Regenerative Processes*

University Medicine Rostock

5th of July, 2018

Session I: Affinity Mass Spectrometry- Methods Development and Applications
(Chair: M. Sc. Mohammad Al Chiblak)

9:30-9:40	Welcome address and Conference opening – (tbc)
9:40-10:40	Prof. Dr. Michael O. Glocker , Proteome Center Rostock <i>From Protein Structure Function Correlation by Mass Spectrometry to Clinical Risk Assessment in Free-flap Surgery – A Brief Story about M-CSF</i>
10:40-11:00	M. Sc. Yannick Baschung , Steinbeis Center Biopolymer Analysis and Biomedical Mass Spectrometry and Proteome Center Rostock <i>Epitope ligand sites of blood group oligosaccharides in lectins revealed by high pressure proteolytic extraction affinity mass spectrometry</i>
11:00-11:20	M. Sc. Bright D. Danquah , Proteome Center Rostock <i>Determination of apparent gas phase dissociation energies of antiHis-tag antibody - His-tag peptide complex by electrospray ionization mass spectrometry (ITEM-TWO)</i>
11:20-11:40	M. Sc. Loredana-Mirela Lupu , Steinbeis Center Biopolymer Analysis and Biomedical Mass Spectrometry and Proteome Center Rostock <i>High Affinity Epitopes of Aptamer Complexes of the Multi-domain Protein C-Met Revealed by Proteolytic Excision Mass Spectrometry and Biosensor Analysis</i>
11:40-12:00	M. Sc. Hasan Albony , Institute of Immunology <i>Mass spectrometric analysis of PBK deficient HAP1 cells</i>
12:00-13:00	Lunch Break

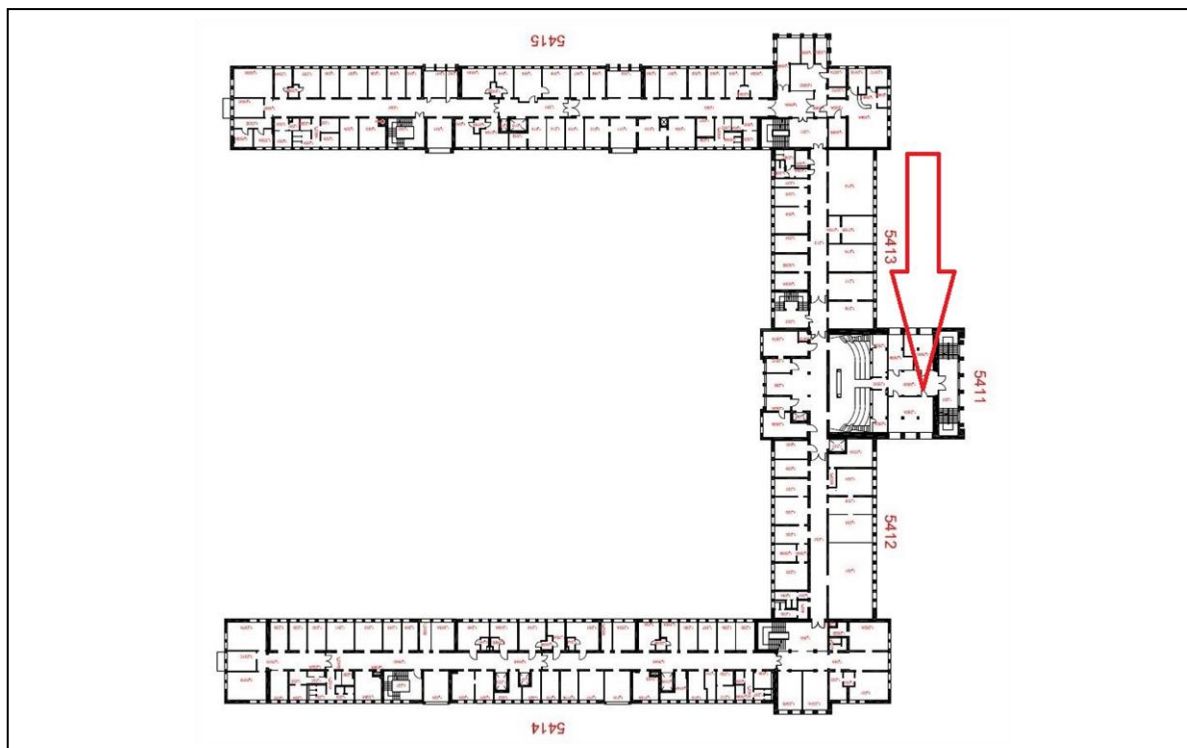
Session II: Clinical Genome and Proteome Research
(Chair: M. Sc. Bright D. Danquah)

13:00-14:00	Prof. Dr. Hans-Jürgen Thiesen , Institute of Immunology <i>Autoimmunity in the 21 century: From oncology to autoimmune diseases</i>
14:00-14:20	Dr. Med. Dent. Vinay V. Kumar , Proteome Center Rostock <i>Proteome analysis reveals that de novo regenerated mucosa over fibula flap reconstructed mandibles resembles mature keratinized oral mucosa</i>
14:20-14:40	M. Sc. Mohammad Al Chiblak , Institute of Immunology <i>Identification of domains conferring transcriptional repression of DUF3669 containing ZNF746</i>
14:40-15:00	M. Sc. Charles Ayensu Okai , Proteome Center Rostock <i>Maternal Apolipoprotein B100 Serum Levels are Diminished in Pregnancies with Intrauterine Growth Restriction and Differentiate from Controls</i>
15:00-15:20	M. Sc. Markus Wolfien , Dept. of Systems Biology and Bioinformatics <i>Is SNP calling from RNA-Sequencing data an alternative to prevailing DNA-Sequencing methods?</i>
15:20-16:00	Coffee break
16:00-17:00	Dr. Filipe Lopes , Roche Pharma, Basel, Switzerland <i>Biotransformation of Protein Biotherapeutics</i>
19:00-22:00	Dinner <i>Klock 8, Tiergartenallee 1, 18059 Rostock</i>

Location on Campus:



ZIM, Ernst-Heydemann-Str. 6, Mittelflügel 1.OG, Raum: 1.290A



Besprechungsraum ZIM-R. 1.290A, Ernst-HeydemannStr.6, Universitätsmedizin Rostock