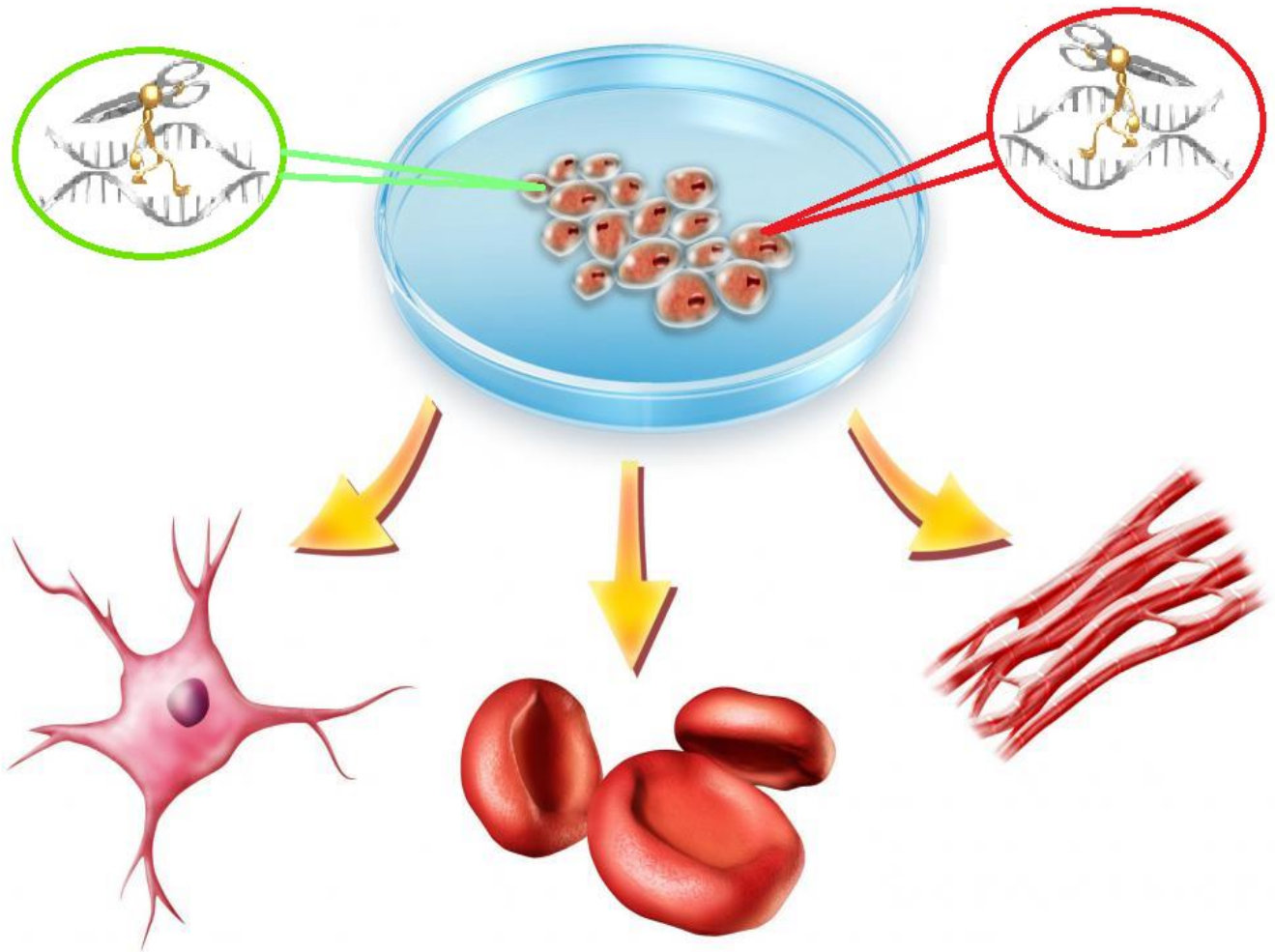


Participants' Camp Summer Semester 2017



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

University Medicine Rostock

28th – 29th of June, 2017

Wednesday, 28th June, 2017

Session I: Clinical Genome and Stem Cell Research

(Chair: *M. Sc. Charles Ayensu Okai*)

09:30-09:40	Welcome address – Dean, Medical Faculty, University of Rostock. (inquired) <i>Conference Opening</i>
09:40-10:40	Prof. Dr. Hans-Jürgen Thiesen , Institute of Immunology, University Medicine Rostock. <i>KRAB ZNF Proteins: The Masters of Human Meta-Organogenesis?</i>
10:40-11:00	M. Sc. Markus Wolfien , Dept. of Systems Biology and Bioinformatics, University of Rostock. <i>Customized workflow development and omics data integration concepts in Systems Medicine</i>
11:00-12:00	Dr. Birger Voigt , Institute of Laboratory Animals, Graduate School of Medicine, Kyoto University, Japan <i>“Induced pluripotent stem cells – historical insights and recent applications”</i>
12:00-13:00	Lunch Break

Session II: Affinity Mass Spectrometry

(Chair: *M. Sc. Hasan Al-Bony*)

13:00-13:20	M. Sc. Bright D. Danquah , Proteome Center Rostock <i>Epitope - Antibody Reactivities Determined by Electrospray Mass Spectrometry</i>
13:20-13:40	M. Sc. Charles Ayensu Okai , Proteome Center Rostock <i>How to cross the distance from the clinics to the lab?</i>
13:40-14:00	M. Sc. Yannick Baschung , Steinbeis Center for Biopolymer Analysis & Biomedical Mass Spectrometry, Rüsselsheim am Main, Germany and Proteome Center Rostock. <i>Characterization of Soybean Agglutinin interaction with carbohydrates using proteolytic affinity- mass spectrometry</i>
14:00-14:20	M. Sc. Loredana-Mirela Lupu , Steinbeis Center Biopolymer Analysis and Biomedical Mass Spectrometry and Proteome Center Rostock <i>Epitope and affinity characterization of aptamer interactions with C-Met protein using biosensor and proteolytic affinity-mass spectrometry</i>
14:20-15:00	Coffee break

Session III: Cellular Pathway Analysis and Proteome Research

(Chair: M. Sc. Markus Wolfien)

15:00-15:20	M. Sc. Mohannad Al-Chiblak , Institute of Immunology, University Medicine Rostock. <i>Investigation of repression activities of DUF3669 in ZNF746/PARIS and ZNF777</i>
15:20-15:40	M. Sc. Hasan Al-Bony , Institute of Immunology, University Medicine Rostock. <i>Generation of PDZ-binding kinase (PBK) stable cell line for protein-protein interaction studies</i>
15:40-16:00	M. Sc. Isabel Groß , Institute of Anatomy, Rostock University Medical Center, Rostock. <i>Neuronal distribution and functional analysis of Plasticity-related gene 5</i>
16:00-17:00	Dr. Pierluca Coiro , University of Nebraska Medical Center – MMI Department; USA <i>Nuclear accumulation of HDAC4 in a maternal immune activation mouse model: a mediator of synaptic deficits?</i>
17:00-18:00	Prof. Dr. Michael O. Glocker , Proteome Center Rostock. <i>In-silico epitope prediction – Proteome Research Enhanced and Propelled by Molecular Modelling / Dynamics</i>
18:30-21:30	Barbecue

Thursday, 29th June, 2017

Session IV: New concepts in Clinical Research and Clinical Studies

(Chair: M. Sc Bright D. Danquah)

09:30-10:30	PD Dr. Dr. Peer W. Kämmerer , Department of Oral, Maxillofacial and Plastic Surgery, University Medical Center Rostock, Germany. <i>Reconstruction of the mandible – going into the future</i>
10:30-10:50	Dr. Med. Dent. Vinay V. Kumar , Department of Head and Neck Surgery, Mazumdar Shaw Medical Center and Center for Translational Research, Bangalore, India and Department of Oral and Maxillofacial-Plastic Surgery, University Medical Center of University of Rostock, Rostock, Germany <i>Proteomic signature of regenerated soft tissue over transplanted free fibula flap for mandibular reconstruction</i>
10:50-11:10	M. Sc. Praveen Nasudevan , Klinikum für Herzchirurgie, Universitätsmedizin Rostock <i>Strategies for increased survival and integration of transplanted cells for cardiac regeneration</i>
11:10-12:10	Prof. Dr. Michael O. Glocker , Proteome Center Rostock <i>Clinical Studies in Rostock – a Survey</i>
12:10-12:30	Closing Remarks
12:30-12:50	General issues for MMRP Curriculum members, outlook for the next PC

Location on Campus:



ZIM, Ernst-Heydemann-Str. 6, Mittelflügel 1.OG, Raum: 1.214