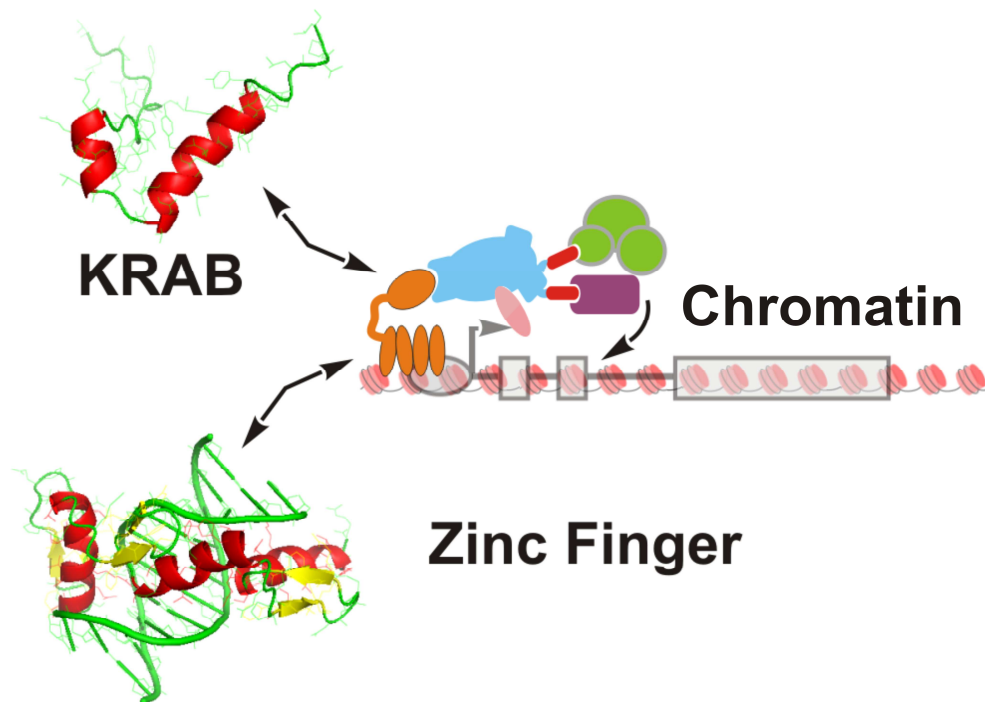


Participants' Camp Summer Semester **2015**



Program

Structured Curriculum for MD and PhD students,

University Medicine Rostock

18th – 19th of June, 2015

Session I: Stem Cell and Cardiac Regeneration/Molecular Disease Mechanisms/Bioinformatics
(Chair: Praveen Vasudevan)

9:30-9:40	Conference Opening and Welcome Address, Prof. Dr. Emil C. Reisinger , University Medicine Rostock
9:40-10:40	Prof. Dr. Hans-Jürgen Thiesen , Institute of Immunology <i>25 years of KRAB zinc finger gene biology</i>
10:40-11:00	M. Sc. Natalia Voronina , Reference and Translation Center for Cardiac Stem Cell Therapy <i>Biological applications of advanced microscopic techniques</i>
11:00-11:20	M. Sc. Mohammed Al-Chiblak , Institute of Immunology <i>Determination and experimental analysis of sub-/cellular KRAB-ZNF protein expression in human tissues</i>
11:20-11:40	M. Sc. Marcus Wolfien , Reference and Translation Center for Cardiac Stem Cell Therapy <i>TRAPLINE: An Approach for Automated Next Generation Sequencing Data Analysis and Evaluation</i>
11:40-12:40	Lunch Break
12:40-13:40	Dr. Ina Gruh , Hannover Medical School <i>Myocardial tissue engineering and cardiac differentiation</i>
13:40-14:00	M. Sc. Jingzhi Yang , Proteome Center Rostock <i>Multiplexed 2D LC MRM-based protein biomarker quantitation of plasma proteins from free flaps</i>
14:00-14:20	M. Sc. Menghuan Zhang , SIBS, Shanghai, China <i>Identification of protein variants influencing protein abundance levels in breast cancer</i>
14:20-14:40	M. Sc. Frauke Hausburg , Reference and Translation Center for Cardiac Stem Cell Therapy <i>Non-viral introduction of micro-RNA into bone marrow derived CD133+ stem cells</i>
14:40-15:40	Coffee Break
15:40-16:40	Dr. Nancy Mah , Universitätsmedizin Berlin <i>Influencing and evaluating cell identity</i>
16:40-17:00	M. Sc. Michael Rabenstein , Albrecht-Kossel-Institute for Neuroregeneration <i>Excitotoxicity due to altered intrinsic or synaptic activity - cause for Purkinje-cell degeneration in Niemann-Pick Type C1? - A Project Overview</i>

17:00-18:00	Prof. Dr. Olaf Wolkenhauer , Systems Biology and Bioinformatics <i>From Systems Biology to Systems Medicine</i>
18:00-19:00	Prof. Dr. Michael O. Glocker , Proteome Center Rostock <i>Mass spectrometric epitope mapping</i>
20:00-22:00	Dinner, Restaurant Klock 8 , Tiergartenallee 1-2, Rostock

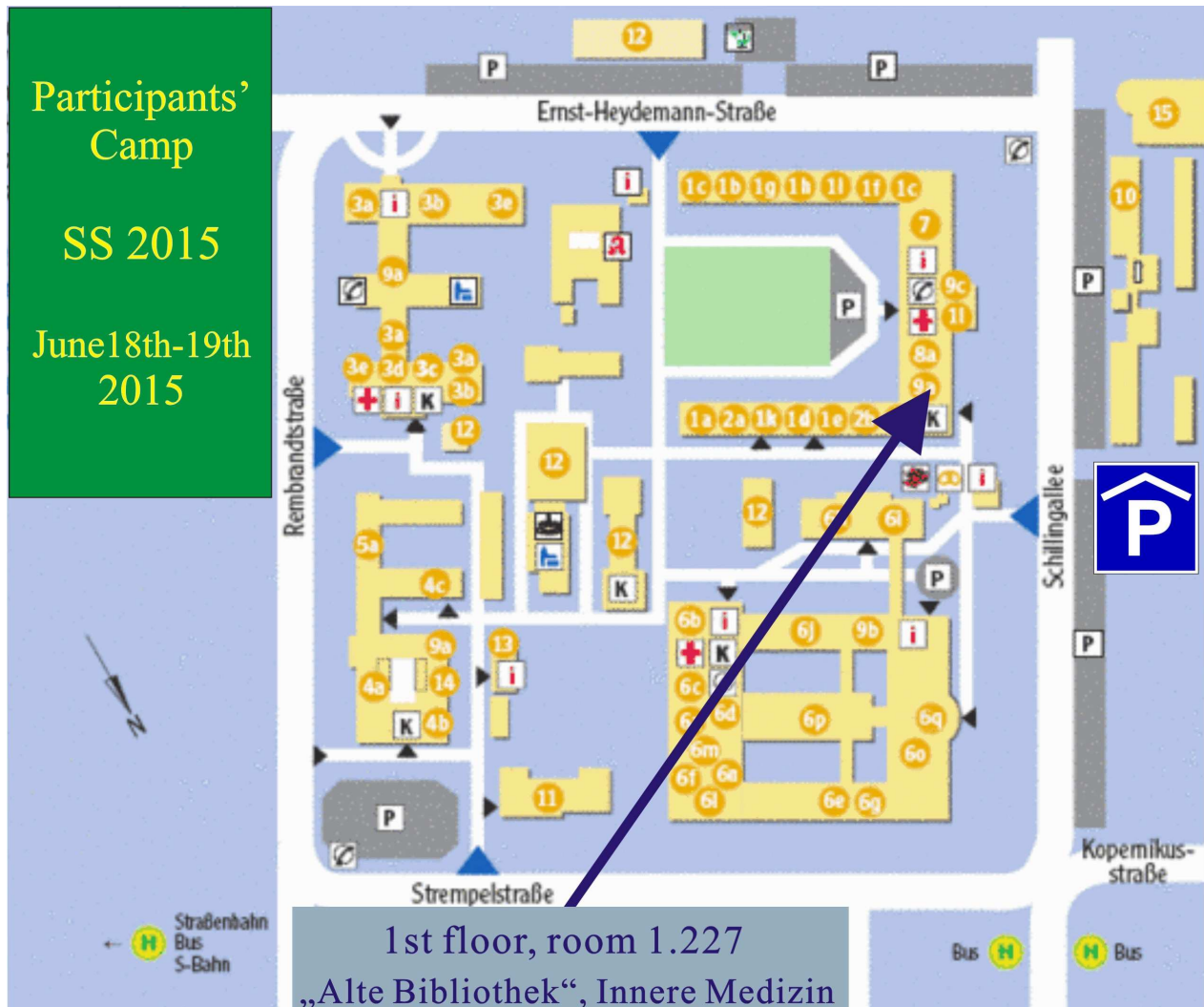
Friday, 19th June 2015

Session II: Structural Proteomics / Stem Cell and Cardiac Regeneration

(Chair: Jingzhi Yang)

9:30-11:00	Karriere, Kinder, Kybernetik - Frauen in Wissenschaft und Forschung , http://www.regierung-mv.de/cms2/Regierungsportal_prod/Regierungsportal/de/bm/?pid=98520 (Hochschule für Musik und Theater Rostock Beim St.-Katharinenstift 8, 18055 Rostock, Kammermusiksaal)
11:00-12:30	Lunch Break
12:30-13:30	Prof. Dr. Kevin Pagel , Ion mobility-mass spectrometry and spectroscopy of biomolecules, Free University Berlin <i>Separation of Carbohydrate and Glycopeptide Isomers using Ion Mobility-Mass Spectrometry</i>
13:30-13:50	M. Sc. Yelena Yefremova , Proteome Center Rostock <i>Ion mobility mass spectrometry analysis of protein G'-derivatives</i>
13:50-14:10	M. Sc. Praveen Vasudevan , Reference and Translation Center for Cardiac Stem Cell Therapy <i>Strategies for increased survival and integration of transplanted cells for cardiac regeneration and biological pacemaker implantation</i>
14:10-14:30	Dr. Kwaku Danso Agyei , Proteome Center Rostock <i>Experiences with the Ukraine Medical Education system</i>
14:30-15:30	Prof. Dr. Robert Jaster , Internal Medicine Department(Gastroenterology), University of Rostock <i>Genetic and immunological basis of murine autoimmune pancreatitis</i>
15:30-15:40	Closing remarks

Location on Campus:



Ernst-Heydemann-Str.6, Universitätsmedizin Rostock