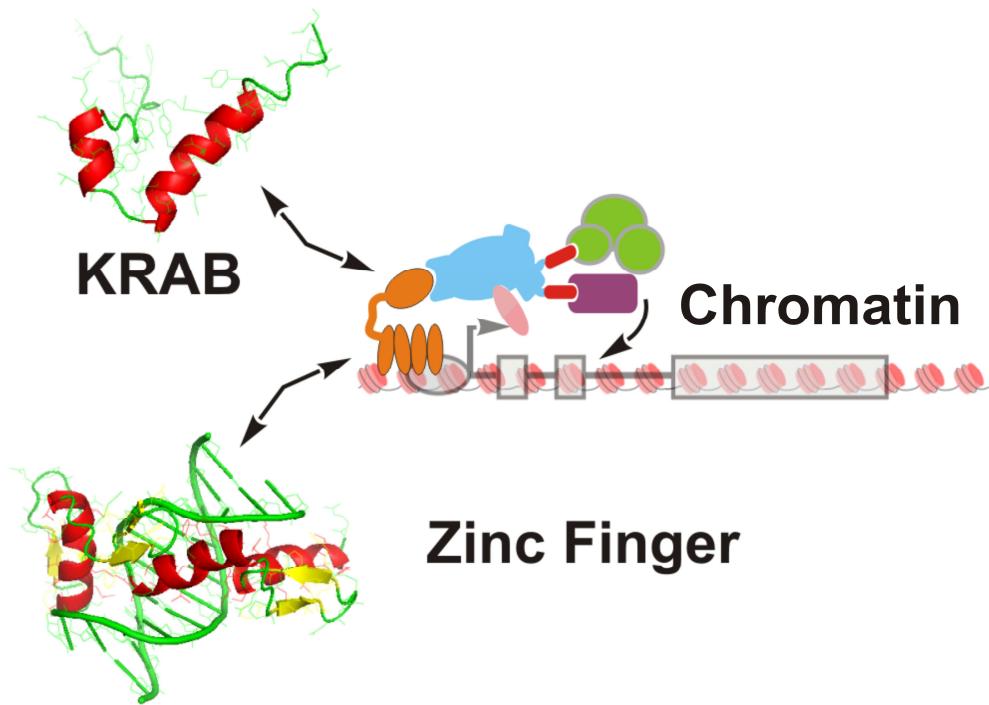


# ***Participants' Camp Summer Semester 2015***



## ***Program***

***Structured Curriculum for MD and PhD students,***

***University Medicine Rostock***

**18<sup>th</sup> – 19<sup>th</sup> of June, 2015**



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

9:30-9:40	<b>Conference Opening</b> and Welcome Address, <b>Prof. Dr. Emil C. Reisinger</b> , University Medicine Rostock
9:40-10:40	<b>Prof. Dr. Hans-Jürgen Thiesen</b> , Institute of Immunology <i>25 years of KRAB zinc finger gene biology</i>
10:40-11:00	<b>M. Sc. Natalia Voronina</b> , Reference and Translation Center for Cardiac Stem Cell Therapy <i>Biological applications of advanced microscopic techniques</i>
11:00-11:20	<b>M. Sc. Mohanned Al-Chiblak</b> , Institute of Immunology <i>Determination and experimental analysis of sub-/cellular KRAB-ZNF protein expression in human tissues</i>
11:20-11:40	<b>M. Sc. Marcus Wolfien</b> , 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	<b>Lunch Break</b>
12:40-13:40	<b>Dr. Ina Gruh</b> , Hannover Medical School <i>Myocardial tissue engineering and cardiac differentiation</i>
13:40-14:00	<b>M. Sc. Jingzhi Yang</b> , Proteome Center Rostock <i>Multiplexed 2D LC MRM-based protein biomarker quantitation of plasma proteins from free flaps</i>
14:00-14:20	<b>M. Sc. Menghuan Zhang</b> , SIBS, Shanghai, China <i>Identification of protein variants influencing protein abundance levels in breast cancer</i>
14:20-14:40	<b>M. Sc. Frauke Hausburg</b> , 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	<b>Coffee Break</b>
15:40-16:40	<b>Dr. Nancy Mah</b> , Universitätmedizin Berlin <i>Influencing and evaluating cell identity</i>
16:40-17:00	<b>M. Sc. Michael Rabenstein</b> , 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  
*From Systems Biology to Systems Medicine*

18:00-19:00      **Prof. Dr. Michael O. Glocker**, Proteome Center Rostock  
*Mass spectrometric epitope mapping*

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20:00-22:00      **Dinner, Restaurant Klock 8 , Tiergartenallee 1-2, Rostock**

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### **Friday, 19th June 2015**

#### **Session II: Structural Proteomics / Stem Cell and Cardiac Regeneration** (Chair: Jingzhi Yang)

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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](http://www.regierung-mv.de/cms2/Regierungsportal_prod/Regierungsportal/de/bm/?pid=98520)  
(Hochschule für Musik und Theater Rostock Beim St.-Katharinienstift 8, 18055  
Rostock, Kammermusiksaal)

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11:00-12:30      **Lunch Break**

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12:30-13:30      **Prof. Dr. Kevin Pagel**, Ion mobility-mass spectrometry and spectroscopy of  
biomolecules, Free University Berlin  
*Separation of Carbohydrate and Glycopeptide Isomers using Ion Mobility-Mass  
Spectrometry*

13:30-13:50      **M. Sc. Yelena Yefremova**, Proteome Center Rostock  
*Ion mobility mass spectrometry analysis of protein G'-derivatives*

13:50-14:10      **M. Sc. Praveen Vasudevan**, Reference and Translation Center for Cardiac Stem  
Cell Therapy  
*Strategies for increased survival and integration of transplanted cells for cardiac  
regeneration and biological pacemaker implantation*

14:10-14:30      **Dr. Kwaku Danso Agyei**, Proteome Center Rostock  
*Experiences with the Ukraine Medical Education system*

14:30-15:30      **Prof. Dr. Robert Jaster**, Internal Medicine Department(Gastroenterology),  
University of Rostock  
*Genetic and immunological basis of murine autoimmune pancreatitis*

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15:30-15:40      **Closing remarks**

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### *Location on Campus:*

