



The Cluster of Excellence REBIRTH –  
From Regenerative Biology to Reconstructive Therapy

cordially invites you to the

## **3rd Final Exams and Graduation Ceremony**

of the

## **PhD Program Regenerative Sciences**

on January 27<sup>th</sup>, 2011

08.30 am to 7.00 pm

Lecture Hall Q, Building J6  
Hannover Medical School  
Carl-Neuberg-Straße 1  
30625 Hannover



## Final Exams Lecture Hall Q

- 08:30 – 09:30      **Christoph Stoll**, Institute for Multiphase Processes, Leibniz Universität Hannover  
**Application of Liposomes to Increase the Storage Stability of Red Blood Cells**  
*Chair: Prof. Dr. Renata Stripecke*
- 09:40 – 10:40      **Huan Sun**, Institute for Multiphase Processes, Leibniz Universität Hannover  
**Compatible Solutes and Heat Shock Proteins for the Improvement of Cryopreservation of Mammalian Cells**  
*Chair: Prof. Dr. Christopher Baum*
- 11:00 – 12:00      **Nico Lachmann**, REBIRTH, Hannover Medical School  
**Strategies for Cell-Type Specific and Time Dependent Transgene Expression in Hematopoietic Gene Therapy**  
*Chair: Prof. Renata Stripecke*
- BREAK
- 13:00 – 14:00      **Zlata Vukadinović-Nikolić**, Department of Cardiac, Thoracic, Transplantation and Vascular Surgery, Leibniz Research Laboratories for Biotechnology and Artificial Organs (LEBAO), Hannover Medical School  
**Generation of a Bio-Artificial Heart Tissue by Methods of Tissue Engineering**  
*Chair: Prof. Christopher Baum*
- 14:10 – 15:10      **Kathrin Thomay, née Lange**, Institute of Cell and Molecular Pathology, Hannover Medical School  
**Telomere Shortening and Chromosomal Instability Inducing Malignant Transformation of Hematopoietic Stem Cells**  
*Chair: Prof. Dr. Renata Stripecke*

## Graduation Ceremony – Lecture Hall Q

16:30

### **Musical Introduction**

by Christian Hoffmeister and Hannes Binder

**Welcome and PhD Award Ceremony** by Prof. Christopher Baum,  
Department of Experimental Hematology, Hannover Medical School &  
Coordinator PhD Program Regenerative Sciences

### **Guest lecture**

#### **Cell-Based Implants - The Royal Way?**

by Prof. Dr. Stefan Jockenhövel, Department of Tissue Engineering & Textile Implants, AME - Institute of Applied Medical Engineering, Helmholtz Institute RWTH Aachen University & University Hospital Aachen & ITA – Institut für Textiltechnik, RWTH Aachen University

### **Musical Closing**

by Christian Hoffmeister and Hannes Binder

18:00

### **Reception**

Sparkling Wine and Finger Food