

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

cordially invites you to the

5th Final Exams and Graduation Ceremony

of the

PhD Program Regenerative Sciences

on 18th January, 2013

09.00 am to 7.00 pm

Seminarroom 3240/42, Building K11
Lecture Hall G, H & M, Building J1
Hannover Medical School
Carl-Neuberg-Straße 1
30625 Hannover

Final Exam Seminarroom 3240/42

09:00 – 10:00 **Sabrina Schmeckeber**, Leibniz Research Laboratories for Biotechnology and Artificial Organs (LEBAO), Hannover Medical School
Differentiation of Embryonic Stem Cells into Type II Alveolar Epithelial Cells
Chair: Prof. Dr. Christopher Baum

Final Exam Lecture Hall G

11:20 – 12:20 **Michaela Mai**, Institute of Molecular Biology, Hannover Medical School
Identification and Initial Functional Characterisation of *D19Ert652e* – A Gene Encoding a WD40 Domain Containing Protein with Unknown Function
Chair: PD Dr. Andreas Krueger

12:30 – 13:30 **Angelica Roa Lara**, Leibniz Research Laboratories for Biotechnology and Artificial Organs (LEBAO), Hannover Medical School
Generation of Bioartificial Cardiac Tissue Based on Non-Human and Human Primate Pluripotent Stem Cells-Derived Cardiomyocytes
Chair: PD Dr. Andreas Krueger

13:40 – 14:40 **Julia Dahmann**, Leibniz Research Laboratories for Biotechnology and Artificial Organs (LEBAO), Hannover Medical School
Development of Biocompatible Matrices for the Generation of Bioartificial Cardiac Tissue for Reconstructive Therapy
Chair: Dr. Gerald Dräger

14:50 – 15:50 **Maryam Akhoondi**, Institute of Multiphase Processes, Leibniz Universität Hannover
Modelling of Water Transport Processes during Freezing of Mammalian Cells
Chair: Dr. Gerald Dräger

Final Exams Lecture Hall M

- 11:45 – 12:45 **Martin Pacher**, Cell and Gene Therapy, TwinCore
Transdifferentiation of Human Fibroblasts to Hepatocyte-Like Cells by Transcription Factors
Chair: Prof. Dr. Christopher Baum
- 13:00 – 14:00 **Christiane Gras**, Institute for Transfusion Medicine, Hannover Medical School
Contribution of Semaphorins to Rejection in Allogeneic Transplantation and Autoimmune Diseases
Chair: Prof. Ulrich Martin
- 14:10 – 15:10 **Reto Eggenschwiler**, JRG Stem Cell Biolgy, REBIRTH, Hannover Medical School
Disease Specific Induced Pluripotent Stem Cells: Models of Metabolic Liver Disorders and Targets for Sustained Gene Therapy Approaches
Chair: Dr. Dagmar Wirth
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Graduation Ceremony – Lecture Hall H

- 16:30 **Musical Introduction**
by Christian Hoffmeister and Hannes Binder
- Welcome and PhD Award Ceremony**
by Prof. Ulrich Martin, LEBAO, Hannover Medical School & Deputy-Coordinator REBIRTH
- Guest lecture**
Lung Tissue Regeneration - Novel Approaches for Destructive Lung Diseases
by Dr. Robert Voswinckel, Lung Development and Remodelling, Max Planck Institute for Heart and Lung Research, Bad Nauheim
- Musical Closing**
by Christian Hoffmeister and Hannes Binder
- 18:00 **Reception**
Sparkling Wine and Finger Food
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