

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

cordially invites you to the

6th Final Exams and Graduation Ceremony

of the

PhD Program Regenerative Sciences

on 21th June, 2013

09.30 am to 5.00 pm

Lecture Hall N & H, Building J1
Hannover Medical School
Carl-Neuberg-Straße 1
30625 Hannover

Final Exam Lecture Hall N

- 09:30 – 10:30 **Anne Christel**, Institute of Inorganic Chemistry (ACI), Leibniz University Hannover
Functionalization of nanoporous silica nanoparticles for variable applications in nanomedicine
Chair: Dr. Ina Gruh
- 11:00 – 12:00 **Dag Heinemann**, Biomedical Optics Department, Laser Zentrum Hannover e.V.
Nanoparticle-Assisted Cell Perforation and Transfection Using Ultrashort Laser Pulses
Chair: Prof. Heiner Niemann
- 12:15 – 13:15 **Laura Schlaesa**, Institute for Transfusion Medicine, Hannover Medical School
Enhancing the anti-leukaemic effector function of cellular therapy products for haematopoietic stem cell transplantation
Chair: PD Dr. Andreas Krueger
- 13:30 – 14:30 **Monica Jara-Avaca**, Leibniz Research Laboratories for Biotechnology and Artificial Organs (LEBAO), Hannover Medical School
The SK-channel agonist EBIO mediates cardiomyocyte enrichment and subtype shift via lineage-selective survival of human pluripotent stem cell derivatives
Chair: Dr. Ina Gruh
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Final Exams Lecture Hall H

- 10:45 – 11:45 **Chun-Wei Lee**, Department of Hematology, Hemostasis, Oncology and Stem Cell Transplantation, Hannover Medical School
Functional Analyses of Foxp3⁺ Regulatory T Cells and MicroRNA-181a in Experimental Graft-versus-Host Disease
Chair: PD Dr. Andreas Krueger

- 12:00 – 13:00 **Daniel Maeda**, Model Systems for Infections and Immunity (MSYS), Helmholtz Centre for Infection Research (HZI)
Generation of expandable hepatic cells upon differentiation from induced pluripotent stem cells
Chair: Prof. Ulrich Martin
- 13:15 – 14:15 **Reinhard Hämmerle**, Institut of Experimental Hematology, Hannover Medical School
A Humanized Transplantation Model for the Assessment of Viral Vectors in Human Hematopoietic Cells
Chair: Prof. Renata Stripecke
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Graduation Ceremony – Lecture Hall H

- 15:30 **Musical Introduction**
by Yasuko Ogata (Cello) und Laszlo Gulyas (Akkordeon)
- Welcome and PhD Award Ceremony**
by Prof. Ulrich Martin, Leibniz Research Laboratories for Biotechnology and Artificial Organs (LEBAO), Hannover Medical School & Coordinator PhD Program Regenerative Sciences
- Musical Closing**
by Yasuko Ogata (Cello) und Laszlo Gulyas (Akkordeon)
- 17:00 **Reception**
Sparkling Wine and Finger Food
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