



PhD Programm Regenerative Science



REBIRTH Research center for translational regenerative Medicine –
cordially invites you to the

20th Final Exams and Graduation Ceremony
of the
PhD Program Regenerative Sciences

on 18th and 19th June, 2020 – 10.15 am to 3.30 pm

lecture halls G, M and N, building J1
Hannover Medical School
Carl-Neuberg-Straße 1
30625 Hannover





18th June, 2020

Final Exam Lecture Hall M (building J1)

12.30 – 13.30 **Rafiei Hashtchin, Anna** Institute of Experimental Hematology, Hannover Medical School
Title: Scalable generation of iPSC-derived myeloid cells and their therapeutic potential against *Staphylococcus aureus*
Chair: Professor Ulrich Martin

19th June, 2020

Final Exam Lecture Hall N (building J1)

10.15 – 11.15 **Johannsmeier, Sonja** Institute of Quantum Optic, Leibniz University Hannover
Title: Design, Evaluation and Application of Hydrogel Waveguides for Optogenetics
Chair: Professor Birgit Glasmacher

11.30 – 12.30 **Janosz, Ewa Teresa** Institute of Experimental Hematology, Hannover Medical School
Title: Macrophage-based gene therapy approach for pulmonary manifestations of alpha 1 antitrypsin (AAT) deficiency
Chair: Dr. Gerald Dräger

12.45 – 13.45 **Haake, Kathrin** Institute of Experimental Hematology, Hannover Medical School
Title: Stem cell derived hematopoiesis as a tool to evaluate hematopoietic cells in Mendelian Susceptibility to Mycobacterial Disease
Chair: Dr. Gerald Dräger

14.00 – 15.00 **Just, Sabrina** Institute of Experimental Hematology, Hannover Medical School
Title: AAV capsid engineering for cell targeting and genome editing
Chair: Professor Ulrich Martin

Final Exam Lecture Hall G (building J1)

10.45 – 11.45 **Yang, Taihua** Department of Gastroenterology, Hepatology and Endocrinology
Title: Therapeutic applications of transcription factor mediated (re-)programming in chronic liver diseases
Chair: Professor Heiner Niemann



- 12.00 – 13.00 **Heß, Annika** Department of Nuclear Medicine, Hannover Medical School
Title: Serial Multimodality Molecular Imaging of Left Ventricular Remodelling and its Relationship to Myocardial Inflammation in Animal Models of Heart Failure
Chair: Professor Heiner Niemann
- 13.15 – 14.15 **Manstein, Felix** Department of Cardiothoracic, Transplantation & Vascular Surgery, Leibniz Research Laboratories for Biotechnology and Artificial Organ (LEBAO), Hannover Medical School
Title: Advanced human Pluripotent Stem Cell Culture in Bioreactors
Chair: Professor Tobias Cantz
- 14.30 – 15.30 **Ichanti, Houda** Leibniz Research Laboratories for Biotechnology and Artificial Organ (LEBAO), Hannover Medical School
Title: Development of artificial vascularized scaffolds for tissue engineering
Chair: Professor Tobias Cantz

Graduation Ceremony – Lecture Hall D

- 16.00 **Photo of the group**
- 16.15 **PhD Award Ceremony**
by Professor Ulrich Martin, Leibniz Research Laboratories for Biotechnology and Artificial Organs (LEBAO), Hannover Medical School & Chair PhD Program Regenerative Sciences
- no Reception**