

## 3rd International DZL Symposium

## "Lung Regeneration and Beyond - BREATH meets REBIRTH"

THURSDAY, MAY 8, 2014 1.30 pm - 3.00 pm		PLENARY SESSION	
<b>Titel: Current Status of .....</b>			
Chair: Haverich, Gladwin			
Talk # 1	1.30 - 1.40 pm	Christopher Baum	Hannover Medical School
Talk # 2	1.40 - 2.00 pm	Tobias Welte	Hannover Medical School
Talk # 3	2.00 - 2.30 pm	Dirk van Raemdonck	University Hospital Leuven, Belgium
Talk # 4	2:30 - 3.00 pm	Philippe Menasché	Hôpital Européen Georges Pompidou, France
		Welcome	
		Current Status of Lung Diseases and Regeneration	
		Current Status of Lung Transplantation	
		Current Status of Tissue Engineering: "Embryonic stem cells for cardiac repair - from basic science to clinical translation"	
THURSDAY, MAY 8, 2014 3.30 pm - 5.15 pm		DZL Plenary SESSION	
<b>Titel: Current Status of .....</b>			
Chair: Welte, Ochs			
Talk # 1	3.30 - 3.55 pm	Ian Adcock	Imperial College London, UK
Talk # 2	3.55 - 4.20 pm	Jason Madsen	Massachusetts General Hospital, USA
Talk # 3	4.20 - 4.45 pm	Connie C. W. Hsia	UT Southwestern Medical Center, USA
Talk # 4	4:45 - 5.15 pm	James Butler	Harvard Medical School, USA
		Current Status of Heart and Lung Research	
		Current Status of Heart and Lung Tolerance Studies in Large Animals	
		Current status of Lung Imaging I: "Amplifying the Signals for Compensatory Lung Growth"	
		Current Status of Lung Imaging II: "On the potential for lung growth in the adult human"	
Friday, MAY 9, 2014 9 am - 10.30 am		PARALLEL SESSIONS	
<b>Disease Area: Asthma and Allergies</b>			
Disease Area Session			
Chair: Hansen, Fehrenbach			
Talk # 1	09.00 am - 09:35 am	Pieter Hiemstra	Leiden University, The Netherlands
Talk # 2	09.35 am - 10.00 am	Thomas Roeder	Christian-Albrechts-Universität Kiel
Talk # 3	10.00 am - 10.15 am	Sina Webering	Research Center Borstel
Talk # 4	10.15 am - 10.30 am	Annika Lorenz	Hannover Medical School
		"Airway epithelial repair and differentiation and the effect of cigarette smoke exposure"	
		"Deregulation of ORMDL3 expression induces stress responses and modulates repair pathways"	
		"RORγt-specific RNAi decreases allergic airway inflammation and airway hyperresponsiveness in a mouse model of neutrophilic asthma"	
		"Investigating the role of BAFF in different mouse models of allergic asthma"	
<b>Disease Area: Diffuse Parenchymale Lung Disease</b>			
Disease Area Session			
Chair: Günther, Eickelberg			
Talk # 1	09.00 am - 09:35 am	Adam Giangreco	University College London, UK
Talk # 2	09.35 am - 10.00 am	Melanie Königshoff	Comprehensive Pneumology Center Großhadern
Talk # 3	10.00 am - 10.15 am	Saverio Bellusci	Justus-Liebig University Giessen
Talk # 4	10.15 am - 10.30 am	Lars Knudsen	Hannover Medical School
		"How Intrinsic Cell Signaling regulates Airway Regeneration"	
		"Developmental signal pathways in pulmonary fibrosis"	
		"Interplay of FGF and Wnt signaling in regulating mesenchymal progenitor cell lineages formation during lung development and repair after injury"	
		"Alveolar derecruitment and collapse induration as crucial mechanisms in lung injury and fibrosis"	
<b>Disease Area: Cystic Fibrosis</b>			
Disease Area Session			
Chair: Tümmler, Mall			
Talk # 1	09.00 am - 09:45 am	Jeffrey Beekman	University Medical Center Utrecht, The Netherlands
Talk # 2	09.45 am - 10.00 am	Lutz Wiehlmann	Hannover Medical School
Talk # 3	10.00 am - 10.15 am	Raman Agrawal	University of Heidelberg
Talk # 4	10.15 am - 10.30 am	Simon Gräber	University of Heidelberg
		"Stem Cell Derived Organoids to test New Therapies in CF"	
		"Population biology of chronic airway infections with pseudomonas aeruginosa with CF and COPD"	
		"Silencing of miR-148b ameliorates cystic fibrosis-like lung diseases in βENaC-overexpressing mice"	
		"ICM is sensitive to detect potentiation of CFTR-mediated Cl <sup>-</sup> secretion in patients with cystic fibrosis and the G551D mutation treated with ivacaftor"	
<b>Disease Area: End-stage Lung Disease</b>			
Disease Area Session			
Chair: Haverich			
Talk # 1	09.00 am - 09:35 am	Stefan Jockenhövel	Helmholtz Institute of RWTH Aachen University & Hospital
Talk # 2	09.35 am - 10.00 am	Ulrich Martin	Hannover Medical School
Talk # 3	10.00 am - 10.15 am	Anna Zakrzewicz	Justus-Liebig-University Giessen
Talk # 4	10.15 am - 10.30 am	Katharina Jansson	Hannover Medical School
		"Tissue Engineering and Biomaterials"	
		"iPS derivatives for treatment of respiratory diseases"	
		"Interleukin 18 in the pathogenesis of experimental bronchiolitis obliterans syndrome (BOS)"	
		"Treatment with donor specific alloantigen before or on the day of lung transplantation in a large animal model"	
FRIDAY, MAY 9, 2014 11 am - 12.30 pm		PODIUM DISCUSSION	
Chair: Tobias Welte			
Experts	Pharmaceutical Industry	Paul Nicklin	Boehringer Ingelheim
		Wolfgang Seibold	Boehringer Ingelheim
		Alexander Biedermann	AstraZeneca
	Tech Transfer Organisations	Christian Stein	Ascenion
		Ruth Herzog	German Cancer Research Center (DKFZ)
		Matthias Stein-Gerlach	Max-Planck-Innovation
	Scientists	Axel Haverich	Hannover Medical School
		Norbert Krug	Fraunhofer ITEM
		Werner Seeger	Justus-Liebig-University Giessen
		"What the industry wants from science - and vice versa"	
FRIDAY, MAY 9, 2014 3.30 pm - 5 pm		PARALLEL SESSIONS	
<b>Disease Area: COPD</b>			
Disease Area Session			
Chair: Rabe			
Talk # 1	3.30 pm - 4.10 pm	Willem E. Fibbe	Leiden University, The Netherlands
Talk # 2	4.10 pm - 4.30 pm	Alexandra Pichl	Justus-Liebig-University Giessen
Talk # 3	4.30 pm - 4.45 pm	Eileen Frenzel	Hannover Medical School
Talk # 4	4.45 pm - 5.00 pm	Sophie Seehase	Research Center Borstel
		"Control of Inflammation by Mesenchymal Stromal Cells"	
		"The soluble guanylatcyclase in smoke-induced lung emphysema"	
		"Acute phase protein α1-Antitrypsin - a novel regulator of angiotensin-like protein 4 transcription and secretion"	
		"Alveolar epithelial cells type II show a high sensitivity to cigarette smoke extract"	
<b>Disease Area: Pulmonary Hypertension</b>			
Disease Area Session			
Chair: Seeger			
Talk # 1	3.30 pm - 4.10 pm	Mark Gladwin	University of Pittsburgh, USA
Talk # 2	4.10 pm - 4.40 pm	Gregor Warnecke	Hannover Medical School
Talk # 3	4.40 pm - 5.00 pm	Mareike Gierhardt	Justus-Liebig-University Giessen
		"Development of a rat model of metabolic syndrome related Group II PH and therapy with nitrite and metformin"	
		"Awake ECMO for PH patients - a success story "	
		"P66shc deficient mice develop decreased right heart hypertrophy via a Cyclophilin D dependent mechanism in hypoxia-induced pulmonary hypertension"	
<b>Disease Area: Lung Cancer</b>			
Disease Area Session			

## 3rd International DZL Symposium

## "Lung Regeneration and Beyond - BREATH meets REBIRTH"

Chair: Klingmüller, Thomas				
Talk # 1	3.30 pm - 4.15 pm	Rafael Rosell	Autonomous University of Barcelona, Spain	"Molecular mechanisms within bronchial carcinoma"
Talk # 2	4.15 pm - 4.30 pm	Sofia Depner	German Cancer Research Center (DKFZ)	"Role of BAMB1 in the regulation of EMT processes in human lung cancer cell lines"
Talk # 3	4.30 pm - 4.45 pm	Ole Ammerpohl	University Clinic Schleswig-Holstein	"Aberrant DNA methylation patterns in lung cancer"
Talk # 4	4.45 pm - 5.00 pm	Amanda Tufman	Ludwig-Maximilians-Universität München	"Individualising radiochemotherapy in NSCLC"
<b>Disease Area: Acute Lung Injury</b>				
Chair: Lohmeyer, Maus				
Talk # 1	3.30 pm - 4.10 pm	Daniel Weiss	University of Vermont, USA	"Stem Cell Therapy in the case of Acute Lung Injury"
Talk # 2	4.10 pm - 4.40 pm	Rory Morty	Justus-Liebig-University Giessen	"TGF- $\beta$ directs trafficking of the epithelial sodium channel ENaC which has implications for ion and fluid transport in acute lung injury"
Talk # 3	4.40 pm - 5.00 pm	Jennifer Quantius	University of Giessen Lung Center	"Influenza virus impairs fibroblast growth factor receptor 2b dependent epithelial regeneration from a distal airway epithelial progenitor pool"
<b>SATURDAY, MAY 10, 2014 9.00 pm - 10.30 pm</b>				
<b>Titel: Beyond Transplantation</b>				
Chair: Welte, Rabe				
Talk # 1	09.00 am - 09:35 am	Werner Seeger	Justus-Liebig-University Giessen	"Endogenous Regenerative Therapy"
Talk # 2	09.35 am - 09.50 am	Gerhard Günther	Member of the State Parliament of Thüringen	"A Patient's and Politicians View on Transplantation"
Talk # 4	09.50 am - 10.30 am	Hans-Willem Snoeck	Columbia University, New York, USA	"Generation of anterior foregut derivatives from human pluripotent stem cells"
<b>SATURDAY, MAY 10, 2014 11.00 pm - 12.30 pm</b>				
<b>Titel: Beyond Transplantation</b>				
Chair: Martin				
Talk # 1	11.00 am - 11.30 am	Amy Wong	The Hospital for Sick Children, Toronto, Canada	"Directed differentiation of human pluripotent stem cells into mature airway epithelia expressing functional CFTR protein"
Talk # 2	11.30 am - 12.00 pm	Edward Morrissey	University of Pennsylvania, USA	"Pathways regulating lung stem cells and regeneration"
Talk # 3	12.00 pm - 12.25 pm	Axel Haverich	Hannover Medical School	"Bio Implants"
Talk # 4	12.25 pm - 12.30 pm	Welte, Seeger, Haverich		Wrap-Up