Developing the Lung

How the extracellular matrix drives alveolar development & regeneration



The fifth scientific symposium of the University of Giessen and Marburg Lung Center School

Schlosshotel Waldeck, Hessen, Germany 17th – 18th September, 2012









Monday, 17th September 2012

09:30	Bus arrival from Giessen
09:30 - 10:00	Badge pickup (coffee available)
10:00 – 10:30	Welcome Rory E. Morty and Thomas J. Mariani
10:30 – 12:00	BPD and elastin I Chairs: Jennifer Quantius and Elpidoforos Sakkas
10:30 – 11:15	ALAN H. JOBE (Cincinnati Children's Hospital Medical Center) What is BPD?
11:15 – 12:00	ROBERT P. MECHAM (Washington University at St. Louis) Elastin synthesis and elastin fibre assembly
12:00 - 13:30	Lunch
13:30 – 15:00	BPD and elastin II Chairs: Alexandra Pichl and Peter Rauschkolb
13:30 – 14:15	RICHARD A. PIERCE (Washington University at St. Louis) Lung elastic fibres in alveolar development, disease, and regeneration
14:15 – 15:00	Anne Hilgendorff (Ludwig Maximilians University) Targeting the extracellular matrix in a BPD model – is it worth pursuing?
15:00 – 15:30	Coffee break
15:30 – 18:00	Networks in lung development I Chairs: Alicia Madurga Hernández and Tatyana Likhoshvay
15:30 – 16:30	DAVID WARBURTON (University of Southern California, Los Angeles) Pre- and postnatal lung development: what a tangled web we weave
16:30 – 17:15	DANIEL B. RIFKIN (New York University Langone Medical Center) Role of latent TGF-β binding protein in lung development
17:15 – 18:00	SOPHIE THOMPSON (University of Liverpool) Heparan sulfate in lung morphogenesis: the elephant in the room
18:30 – 20:00	Dinner
20:00 - 20:45	Guided tour of Waldeck Castle
21:00	Open bar

Tuesday, 18th September 2012

09:00 – 11:15	Networks in lung development II Chairs: Anja Buchbinder and Benno Grzesik
09:00 – 10:00	PARVIZ MINOO (University of Southern California, Los Angeles) GOD: Generation of diversity in the lung endoderm through cross-talking signalling
10:00 – 10:45	KEITH TANSWELL (The Hospital for Sick Children, Toronto) Regulation of postnatal alveologenesis in the rat by lipid hydroperoxides and by the IGF-I/IGF-R1 pathway
10:45 – 11:15	THOMAS J. MARIANI (University of Rochester) IGF-1 and the pulmonary elastogenic cell
11:15 – 11:45	Coffee break
11:45 – 13:00	Lung regeneration Chairs: Nieves Gabrielli and Friederike Klein
11:45 – 12:30	STEVEN J. MENTZER (Brigham and Women's Hospital, Boston) Post-pneumonectomy lung growth in humans and mice
12:30 – 13:00	ROBERT VOSWINCKEL (Max Planck Institute for Heart & Lung Research, Bad Nauheim) The mesenchyme and late lung development and regeneration
13:00 - 14:30	Group Photograph, followed by lunch
14:30 – 16:00	Stretching the fibroblast Chairs: Friederike Weisel and Anita Golec
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