Workshop Systems Hepatology 3

Focus Epigenetics

Friday, January 13, 2012, 1–7 pm

Seminar Room, Ground Floor, Department of Medicine I, Building 605
University Medical Center of the Johannes Gutenberg University Mainz

Program

1 pm Welcome
Peter R. Galle, Mainz

1.15 pm Epigenetic alterations in liver diseases
Andreas Teufel, Mainz

Session Basic Science
Chair: Frank Lammert, Homburg

2 pm Methylation patterns in cirrhotic liver and hepatocellular carcinoma
Jochen Hampe, Kiel

2.20 pm Deacetylase inhibitors in liver cancer - novel regulatory pathways
Matthias Ocker, Marburg

2.40 pm SIRT 6 in liver cancer
Susanne Strand, Mainz

Session Translation
Chair: Steven Dooley, Mannheim

3.20 pm Reprogramming the mouse epigenome
Karl Pfeifer, Bethesda, MD, USA

3.40 pm Epigenetic alterations in CCC/HCC and therapeutic implications
Jesper B. Andersen, Bethesda, MD, USA

4 pm Hepatocyte-stellate cell crosstalk in HCC: characterization and therapeutic relevance of HDAC inhibitors
Cédric Coulouarn, Rennes, France

4.20 pm DNA methylation as biomarker in liver tumors - Where do we stand?
Ulrich Lehmann, Hannover

Session Technology and Translation
Chair: Martina Müller-Schilling, Heidelberg

5 pm Technical platforms for large scale epignetics screening
Bernd Korn, Mainz

5.20 pm Bioinformatics challenges in epigenetics
Andreas Hildebrandt, Mainz

5.40 pm Pitfalls in the construction of clinical risk prediction signatures from methylation data
Harald Binder, Mainz

6 pm Transcriptional changes during liver stem cell reprogramming - computational aspects
Hans Kestler, Ulm

6.20 pm Conclusion
Andreas Teufel, Mainz

Dinner

Organization
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