



FASEB

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Fundamental Biology and Pathophysiology of the Liver
June 10th - June 15th, 2018
Scottsdale Plaza Resort
Scottsdale, Arizona

Co-Organizers:

Kirsten C. Sadler, Ph.D.

New York University Abu Dhabi

David Moore, Ph.D.

Baylor College of Medicine

Tom Luedde, M.D./Ph.D.

University Hospital RWTH Aachen

Sunday, June 10, 2018

<u>Time</u>	<u>Title/Topic Event</u>	<u>Speaker, affiliation</u>
4:00 p.m. – 9:00 p.m.	Conference Registration	
5:00 p.m. – 6:00 p.m.	Welcome Reception	
6:00 p.m. – 7:30 p.m.	DINNER	
7:30 p.m.	Opening Remarks	Conference Organizers
7:40 p.m. – 8:40p.m.	Keynote Speaker <i>Genetic susceptibility to fatty liver disease: ancient mutations for a modern disease</i>	Helen Hobbs, UT Southwestern & HHMI/USA
8:40-8:50	POSTER BLAST	TBD

Monday, June 11, 2018

<u>Time</u>	<u>Title/Topic Event</u>	<u>Speaker, affiliation</u>
7:30 a.m. – 9:00 a.m.	BREAKFAST	
7:30 a.m. – 12:00 p.m.	Conference Registration	
9:00 a.m. – 12:10 p.m.	Session 1: Liver Stem Cells and Development	Chairs: Holger Willenbrink, Ken Zaret
9:00 a.m.	<i>methods for the selective expansion of gene modified hepatocytes</i>	Markus Grompe, M.D. Oregon Health & Science University/USA
9:25 a.m.	<i>Spontaneous and induced transdifferentiation in the liver</i>	Holger Willenbrink, UCSF/ USA
9:50 a.m.	<i>Genetic and epigenetic regulation of liver development and regeneration in a zebrafish model system</i>	Chong Shin, University of Georgia/USA
10:15 a.m.	<u>Short Talk:</u>	TBD
10:30 a.m. – 11:00 a.m.	<i>Morning Coffee Break</i>	
11:00 a.m.	<i>Modeling Liver Development and Disease with Human iPSCs.</i>	Steve Duncan, Medical University of South Carolina/USA
11:30 a.m.	<i>Overcoming chromatin barriers to liver development and to reprogramming to hepatocytes</i>	Ken Zaret, UPenn/USA
11:55 a.m.	<u>Short Talk:</u>	TBD
12:10 a.m.	<u>Short Talk:</u>	TBD
12:30 p.m. – 1:30 p.m.	LUNCH	
1:30 p.m. – 3:05 p.m.	Session 2: Biliary Biology	Chairs: Orith Waisbourd-Zinman, Verena Keitel
1:30 p.m.	TBD	Kari Nejak-Bowen, University of Pittsburgh/USA
1:55 p.m.	<i>Pathway of cholangiocyte injury, from decreased glutathione to lumen obstruction and fibrosis</i>	Orith Waisbourd Schneider Children's Medical Center/Israel
2:20 p.m.	<i>Role of the bile acid receptor TGR5 for cholangiocyte biology</i>	Verena Keitel, Heinrich-Heine-University/Germany
2:35 p.m.	<u>Short Talk:</u>	TBD
2:50 p.m.	<u>Short Talk:</u>	TBD
3:05– 6:00 p.m.	FREE TIME	
6:00 p.m. – 7:00 p.m.	DINNER	
7:00 p.m. – 8:45 p.m.	Session 3: Bile Acids as therapeutics	Chairs: Michael Trauner, David Moore
7:00 p.m.	<i>Molecular mechanisms and therapeutic applications of norUDCA</i>	Michael Trauner, Medical University of Vienna/Austria
7:25 p.m.	<i>Targeting FXR to Reprogram Metabolic Disease</i>	Ron Evans, Salk Institute/USA
7:50 p.m.	<i>Bile Acid Therapeutics – from Concept to Patients</i>	David Shapiro, Intercept Pharma/USA
8:15 p.m.	<u>Short Talk:</u>	TBD

Tuesday, June 12, 2018

<u>Time</u>	<u>Title/Topic Event</u>	<u>Speaker, affiliation</u>
7:30 a.m. – 9:00 a.m.	BREAKFAST	
7:30 a.m. – 12:00 p.m.	Conference Registration	
9:00 a.m. – 12:05 am	Session 4: NAFLD/NASH	Chairs: Anna-Mae Diehl, Rotonya Carr
9:00 a.m.	<i>Fixing Fatty Livers</i>	Anna-Mae Diehl, Duke University/USA
9:25 a.m.	<i>Linking Ceramides with Lipid Droplet Biology</i>	Rotonya Carr, UPenn/ USA
9:50 a.m.	<i>Short Talk:</i>	TBD
10:05 a.m.	<i>Short Talk:</i>	TBD
10:20 a.m. – 11:00 a.m.	Morning Coffee Break and GROUP PHOTO	
11:00 a.m.	TBD	Sangeeta Bhatia, MIT/USA
11:25 a.m.	<i>Short Talk:</i>	TBD
11:40 a.m.	<i>Short Talk:</i>	TBD
12:00 p.m.- 1:30 p.m.	LUNCH and MEET THE EXPERTS (sign up in advance)	
1:30 p.m.-3:15 p.m.	Session 5: Fibrosis and liver Injury	Chairs: Robert Schwabe, Rebecca Wells
1:30 p.m.	<i>Metabolic regulation of hepatic stellate cell activation</i>	Scott Friedman, Icahn School of Medicine at Mount Sinai/USA
1:55 p.m.	<i>Mechanisms of extrahepatic bile duct injury and fibrosis</i>	Rebecca Wells, UPenn/USA
2:20 p.m.	<i>Beta-catenin signaling in hepatobiliary repair</i>	Paul Monga, UPitt/USA
2:35 p.m.	<i>Short Talk:</i>	TBD
3:00 p.m. – 6:00 p.m.	Free time: Group activity	
6:00 p.m. – 7:00 p.m.	DINNER	
7:00 p.m.-8:00 p.m.	Session 5: Fibrosis and liver Injury	Chairs: Scott Friedman
7:00	<i>Macrophages in liver health and disease</i>	Frank Tacke, University Hospital Aachen
7:25 p.m.	<i>Damage-associated molecular patterns link liver injury to fibrosis</i>	Robert Schwabe, Columbia University/USA
7:50 p.m.	POSTER BLAST	TBD
8:05 p.m. – 10:00 p.m.	Poster Sessions 1-3: Development and Stem Cells; Biliary Biology; Fibrosis; NAFLD/NASH <i>Hors d'oeuvres & drinks</i>	

Wednesday, June 13, 2018

<u>Time a.m. – Time p.m.</u>	<u>Title/Topic Event</u>	<u>Speaker, affiliation</u>
7:30 a.m. – 9:00 a.m.	BREAKFAST	
7:30 a.m. – 12:00 p.m.	Conference Registration	
9:00 a.m. – 12:00 p.m.	Session 6: Liver Injury and ALD	Chairs: Natalia Nieto
9:00 a.m.	<i>Selective hepatic autophagy and the metabolic syndrome</i>	Ana M Cuervo, Albert Einstein College of Medicine/USA
9:25 a.m.	<i>HMGB1 isoforms as drivers of inflammation in alcoholic liver disease</i>	Natalie Nieto, UChicago/USA
9:50 a.m.	TBD	TBD
10:15 a.m.	<i>Short Talk:</i>	TBD
10:30 a.m. – 11:00 a.m.	Morning Coffee Break	
11:00 a.m.– 12:00 p.m.	Career Development Session	TBD
12:00 p.m. – 1:30 p.m.	LUNCH and MEET THE EXPERTS	
1:30 p.m.- 3:15 p.m.	Session 7: Liver Regeneration	Chairs: Matias Avila and Sangeeta Bhatia
1:30 p.m.	<i>Massively parallel screen for drivers and breaks of liver regeneration and cancer with a novel in vivo CRISPR activation platform</i>	Klaus Kaestner, UPenn/USA
1:55 p.m.	<i>Splicing factors in liver function and repair: the role of Slu7</i>	Matias Avila, Univ of Navarra/Spain

2:20 p.m.	<i>The Hippo-Yap pathway reprograms metabolism to support liver growth</i>	Andrew Cox, Peter MacCallum Cancer Center/Australia
2:45 p.m.	<u>Short Talk:</u>	TBD
3:00 p.m.	<u>Short Talk:</u>	TBD
3:15 p.m. – 6:00 p.m.	Free Time	
6:00 p.m. – 7:00 p.m.	DINNER	
7:00 p.m.	POSTER BLAST and awards	TBD
7:30 -9:30 p.m.	Poster Session 4-5: Liver Cancer, Liver Injury/ALD, regeneration CASH BAR	

Thursday, June 14, 2018

Time a.m. – Time p.m.	Title/Topic Event	Speaker, affiliation
7:30 a.m. – 9:00 a.m.	BREAKFAST	
7:30 a.m. – 12:00 p.m.	Conference Registration	
9:00 a.m. – 12:10 p.m.	Session 6: Genomics and Mechanisms of Liver Cancer	Chairs: Jessica Zucman-Rossi, Kirsten Sadler
9:00 a.m.	<i>Liver cancer genomics</i>	Jessica Zucman-Rossi, Inserm - Université Paris Descartes/France
9:25 a.m.	<i>Molecular pathogenesis and precision medicine in HCC</i>	Josep Llovet, Mount Sinai/USA & Spain
9:50 a.m.	<i>Stress-related signaling pathways in HCC</i>	Lars Zender, University of Tübingen/Germany
10:15 a.m.	<u>Short Talk:</u>	TBD
10:30 a.m.	<u>Short Talk:</u>	TBD
10:45 a.m. – 11:00 a.m.	<i>Morning Coffee Break</i>	
11:00 a.m.	<i>Novel Driver Oncogenes in NASH</i>	Stephanie Rössler, University of Heidelberg/Germany
11:25 a.m.	<i>EGFR Signaling in Liver Fibrosis and HCC</i>	Maria Sibilia, University of Vienna/Austria
11:50 a.m.	<i>Anti-oncogenic effect of oncoproteins in NASH-driven HCC</i>	Gen-Sheng Feng, USC/USA
12:15 p.m. – 1:30 p.m.	LUNCH	
1:30 p.m. – 8:30 p.m.	Session 7: Liver cancer immunology and inflammation	Chairs: Michael Karin, Tom Luedde
1:30 p.m.	<i>Metabolic and Immune Control of Liver Tumorigenesis- From Etiology to Treatment</i>	Michael Karin, UCSD/USA
1:55 p.m.	<i>Linking Inflammation and Metabolism through AP-1(Fos/Jun) to Liver Cancer Development</i>	Erwin Wagner, Spanish National Cancer Research Centre/Spain
2:20 p.m.	<i>Adaptive Immune Responses in NASH-HCC</i>	Mathias Heikenwälder, German Cancer Research Institute Heidelberg/Germany
2:35 p.m.	<i>Short talk</i>	TBD
2:50 p.m.	<u>Short Talk:</u>	TBD
3:05 p.m.	*Business Meeting*	
3:30 p.m.- 6:00 p.m.	Free time	
6:00 p.m. – 7:00 p.m.	DINNER	
7:00 p.m.	<i>The tumor Micro-Niche</i>	Anna Sabarowski, University of Hannover/Germany
7:25 p.m.	<i>The tumor stroma in Liver Cancer</i>	Tim Greten, NIH/USA
7:50 p.m.	<i>Programmed Cell Death and cell death responses in HCC</i>	Tom Luedde, University of Aachen/Germany
8:15	<i>Concluding remarks</i>	Meeting Organizers
8:30	<i>Social Event</i>	

Friday, July 15, 2016

Time a.m. – Time p.m.	Title/Topic Event	
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7:30 a.m. – 9:00 a.m.

BREAKFAST

END OF CONFERENCE

For additional information contact:
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