

# 2015



INTERNATIONAL SOCIETY FOR  
HEPATIC SINUSOIDAL RESEARCH

## 18th International Symposium on Cells of the Hepatic Sinusoid Asilomar, California, USA | November 11-13, 2015

### WEDNESDAY NOVEMBER 11

Evening	1800-1900   <a href="#">Welcome and EVENING SEMINAR 1</a> IRAKM signaling in ALD and NASH, Xiaoxia Li, USA
	1900-2100   <a href="#">Welcome Dinner and Poster Session</a>

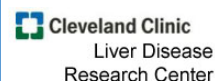
### THURSDAY NOVEMBER 12

Morning	<p>0800-0845   <a href="#">MORNING SEMINAR 1</a> Matrix Stiffness and the Biology of Hepatic Fibrosis, Rebecca Wells, USA</p> <p>0900-1015   <a href="#">SESSION 1: Matrix Biology in the Liver</a>            0900-0930 Tutorial Talk 1: Hyaluronic Acid: From Matrix to Signaling Molecule, Michele Pritchard, USA            0930-0945 Oral 1: Collagen Fibrillogenesis in Adult Liver Remodeling, Takao Sakai, UK            0945-1000 Oral 2: Mechanical Forces Drive Fibrogenesis, Vijay Shah, USA</p> <p>1030-1215   <a href="#">SESSION 2: Hepatic Stellate Cells</a>            1030-1100 Tutorial Talk 2: HSC Activation and Senescence, Waj Mehal, USA            1100-1115 Oral 3: Cartilage oligomeric matrix protein participates in the pathogenesis of liver fibrosis, Fernando Magdaleno, USA            1115-1130 Oral 4: Cannabinoid receptor 1 mediates homing of bone marrow-derived mesenchymal stem cells triggered by chronic liver injury, Liying Li, China            1130-1145 Oral 5: Targeting Focal Adhesion Kinases for Reversal of Fibrosis, Frank Anania, USA            1145-1200 Oral 6: Identification of a Novel Bone Marrow Cell -Derived Factor That Accelerates Regeneration of Fibrotic Liver, Yutaka Inagaki, Japan            1200-1215 Oral 7: TGF-<math>\beta</math> induces the conversion of mesothelial cells to myofibroblasts during liver fibrosis, Kinji Asahina, USA</p>
Lunch	1215-1315   <a href="#">LUNCH: Meet the Professor</a>
Afternoon	<p>1330-1500   <a href="#">SESSION 3: When the Liver Biologist &amp; Engineers Talk</a>            1330-1400 Tutorial Talk 3: Optimization and Control of Hepatocyte Activity via Biofunctional Modification, Jason Wertheim, USA            1400-1415 Oral 8: Bioengineered Hepatic Tissue, Thomas Shupe, USA            1415-1430 Oral 9: Biliary Tree Modeling, Takuya Sakaguchi, USA            1430-1445 Oral 10: Multi Scale Modeling of Liver Cell Interactions in Liver Regeneration, Rajanikanth Vadigepalli, USA            1430-1445 Oral 11: Enhancement of hepatocyte function using an advanced microfluidic system for clinical and pharmaceutical applications, Jordi Gracia-Sancho, Spain            1445-1500 Oral 12: Three-Dimensional Bioactive Human Liver Acellular Scaffold with Preserved Architecture and Biomechanical Properties, Giuseppe Mazza, UK</p> <p>1530-1730   <a href="#">SESSION 4: Inflammation and Immunity</a>            1530-1600 Tutorial Talk 4: Neutrophils, Platelets, Interactions in Liver Injury and Repair, Paul Kubes, Canada            1615-1630 Oral 13: Tolerance and Immunity in the Liver, Percy Knolle, Germany            1630-1645 Oral 14: Chemokines in Liver Disease, Frank Tacke, Germany            1645-1700 Oral 15: Neutrophils are inflammatory drivers of hepatocellular carcinoma, Derek Mann, UK            1700-1715 Oral 16: Small specific-sized Hyaluronic Acid normalizes TLR4-mediated signaling in Kupffer cells after chronic ethanol exposure associated with M2 polarization, Paramananda Saikia, USA            1715-1730 Oral 17: Exosome-mediated activation of toll-like receptor 3 in stellate cells stimulates IL-17A production of <math>\gamma\delta</math> T cells in liver fibrosis of mice, Wonhyo Seo, South Korea</p>
Evening	1830-2030   <a href="#">Dinner and Poster Session</a>

### SPONSORS



AMERICAN ASSOCIATION FOR  
THE STUDY OF LIVER DISEASES



2015



INTERNATIONAL SOCIETY FOR  
HEPATIC SINUSOIDAL RESEARCH

## 18th International Symposium on Cells of the Hepatic Sinusoid Asilomar, California, USA | November 11-13, 2015

### FRIDAY NOVEMBER 13

Morning	<p>0800-0830   <b>MORNING SEMINAR 2</b> HBV Uses the Macrophage Reverse Cholesterol Transport to Target the Liver, <i>Ulrike Protzer, Germany</i></p> <p>0830-0915   <b>PRESIDENT'S CHOICE: Highlighting the Research of Junior Investigators</b></p> <p>0830-0845   Loss of Cytoglobin, a stellate cell-specific globin, accelerates liver fibrosis and cancer development despite of its etiology, <i>Le Thi Thanh Thuy, Japan</i></p> <p>0845-0900   Role of autophagy induction in the suppression of inflammasome activation by globular adiponectin in macrophages, <i>Pil-Hoon Park, South Korea</i></p> <p>0900-0915   Matrix based liver models to investigate the role of microenvironment on liver fibrosis, <i>Srivatsan Kidambi, USA</i></p> <p>0930-1030   <b>SESSION 5: Genetic, Epigenetic and Post-translational Control</b></p> <p>0930-0945   Oral 18: Exosomes: Carriers of microRNAs in Fibrosis, <i>David Brigstock, USA</i></p> <p>0945-1000   Oral 19: Exosomes in Liver Health and Disease, <i>Juan-Manuel Falcon-Perez, Spain</i></p> <p>1000-1015   Oral 20: Identification of a Cell-type-specific Splicing Program that Supports Postnatal Liver Maturation, <i>Avinash Kalsotra, USA</i></p> <p>1015-1030   Oral 21: AAV2-mediated Delivery of miR19b to Hepatic Stellate Cells Inhibits Fibrogenic Response and Alters Cellular and Exosomal Expression of microRNA17-92 Cluster Members, <i>Elizabeth Brandon-Warner, USA</i></p> <p>1100-1230   <b>SESSION 6: Liver Sinusoidal Endothelial Cells/ Regeneration</b></p> <p>1100-1130   Tutorial Talk 6: LSEC: Master Regulators of Liver Regeneration, <i>Hellmut Augustin, Germany</i></p> <p>1130-1145   Oral 22: Wnt Signaling in LSEC During Regeneration, <i>Paul Monga, USA</i></p> <p>1145-1200   Oral 23: Hepatocyte orosomucoid (Orm), a member of lipocalins is a key regulator of liver regeneration in response to liver sinusoidal endothelial cells, <i>Soichi Kojima, Japan</i></p> <p>1200-1215   Oral 24: Endothelial niche derived Notch signaling pathway balanced liver regeneration and fibrosis in distinct ways, <i>Lin Wang, China</i></p> <p>1215-1230   Oral 25: Cross-talk between autophagy and the transcription factor KLF2 determines endothelial cell phenotype, liver microvascular function and hepatic damage after acute liver injury, <i>Sergi Guixé-Muntet, Spain</i></p>
Lunch	1230-1245   <b>Acknowledgements and Awards</b>
Afternoon	1330-1800   <b>Optional tour of Monterey Aquarium</b>

### SPONSORS



AMERICAN ASSOCIATION FOR  
THE STUDY OF LIVER DISEASES

