

Bridging Basic Science & Liver Disease

28th Annual Irwin M. Arias Symposium

- 9:00 a.m. **Welcome and Opening Remarks**
- 9:05 a.m. **Autophagy and exosome production are linked in steatohepatitis**
Gyongyi Szabo, MD, PhD, FAASLD, AGAF, FACP, University of Massachusetts Medical School
- 9:35 a.m. **Novel purinergic check point inhibitor targets in malignancy**
Simon Robson, MD, PhD, FRCP, Beth Israel Deaconess Medical Center
- 10:05 a.m. **Morning Break**
- 10:15 a.m. **Window of opportunities: Intravital microscopy for the study of liver physiology and pathology**
Natalie Porat-Shliom, PhD, National Cancer Institute
- 10:45 a.m. **Machine learning for early detection and risk assessment of cancer**
Adam Yala, MEng, Massachusetts Institute of Technology
- 11:15 a.m. **Hepatic gene transfer: Models, vectors, and clinical translation**
Luk Vandenberghe, PhD, Massachusetts Eye and Ear Infirmary
- 11:45 a.m. **Poster Teasers**
- 12:00 p.m. **Lunch and Poster Session**
- 1:30 p.m. **Hepatobiliary fate decisions during vertebrate development**
Wolfram Goessling, MD, PhD, Harvard Medical School
- 2:00 p.m. **Liver regeneration by transdifferentiation**
Holger Willenbring, MD, PhD, University of California San Francisco
- 2:30 p.m. **Afternoon Break**
- 3:00 p.m. **Hepatocytes require tissue architecture for chromosome segregation fidelity**
Kristin Knouse, MD, PhD, Whitehead Institute
- 3:30 p.m. **Microbes, metabolites, and immunity**
Ramnik Xavier, MD, PhD, Massachusetts General Hospital
- 4:00 p.m. **Noninvasive monitoring of protease dysregulation in NASH**
Sangeeta Bhatia, MD, PhD, Massachusetts Institute of Technology
- 4:30 p.m. **Concluding Remarks and Adjourn**

