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 checkpoint 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