



AMERICAN SOCIETY FOR INVESTIGATIVE PATHOLOGY
ASIP 2017 Annual Meeting at Experimental Biology

April 22 - 26, 2017, Chicago, IL (USA)
<http://www.asip.org/meetings/2017/>

531. LIVER REGENERATIVE MEDICINE

Minisymposium

Tues. 8:30 AM—McCormick Place Convention Center, W181B

Chaired: G. Alpini, J. Sanders

Liver Pathobiology

Regenerative Medicine (Stem Cells, Tissue Regeneration, Biomaterials)

- 8:30 **531.1** Modeling Cellular Network Dynamics of Liver Homeostatic Renewal. **R. Vadigepalli, D. Cook, B. Ogunnaiké**. Thomas Jefferson University and University of Delaware.
- 8:45 **531.2** Role of Hepatic O-GlcNAcylation on Acetaminophen-Induced Liver Injury. **S. McGreal, B. Bhushan, C. Walesky, M.R. McGill, J.L. Weemhoff, H.J. Jaeschke, Z. Zhang, E. Tan, C. Slawson, N.E. Zachara**. University of Kansas Medical Center and John Hopkins University.
- 9:00 **531.3** Thrombospondin-1 Contributes to Hepatic Pathology and Systemic Complications in the Acetaminophen and Azoxymethane Mouse Models of Acute Liver Failure. **M. McMillin, S. Grant, G. Frampton, G. Alpini, S. DeMorrow**. Central Texas Veterans Health Care System and Texas A&M University Health Science Center.
- 9:15 **531.4** Role of Hepatocyte Nuclear Factor 4 Alpha (HNF4 α) in Hepatocyte Regeneration. **I. Huck, U. Apte**. University of Kansas Medical Center.
- 9:30 **531.5** Cell-Specific Wnts Regulate Liver Regeneration After Partial Hepatectomy. **M. Preziosi, J.o. Yang, H. Okabe, C. Diegel, B. Williams, S. Monga**. University of Pittsburgh and Van Andel Institute.
- 9:45 **531.6** Role of MET and EGFR Signaling in Hepatomegaly and Hepatocyte Proliferation Induced by TCPOBOP (1,4-Bis [2-(3,5-Dichloropyridyloxy)] Benzene) in Mice. **B. Bhushan, M.M. Haynes, W.M. Mars, A. Orr, W.C. Bowen, S. Paranjpe, G.K. Michalopoulos**. School of Medicine and University of Pittsburgh.
- 10:00 **531.7** Bromodomain and Extraterminal (BET) Proteins Regulate Hepatocyte Proliferation in Hepatocyte-Driven Liver Regeneration. **J.O. Russell, S. Ko, D. Shin, S.P. Monga**. University of Pittsburgh.
- 10:15 **531.8** P53 Regulates Progression of Injury and Liver Regeneration After Acetaminophen Overdose. **P. Borude, B. Bhushan, H. Chavan, J.L. Weemhoff, H. Jaeschke, P. Krishnamurthy, U. Apte**. University of Kansas Medical Center.
- 10:30 **531.9** Beta-Catenin Dependent Wnt Signaling Promotes Hepatocyte-To-Cholangiocyte Transdifferentiation. **K. Kosar, K. Nejak-Bowen**. University of Pittsburgh School of Medicine.
- 10:45 **531.10** Phenobarbital Induces ATZ Globule Clearance in a Mouse Model of Alpha-1 Antitrypsin Deficiency. **A.W. Bell, J. Stoops, M. Oertel, G.K. Michalopoulos**. University of Pittsburgh.
- 11:00 **531.11** Proliferation of Transplanted Hepatocytes Drives Efficient Repopulation in Juvenile Host Rat Livers. **P. Stock, M. Hempel, M. Hsu, B. Christ**. University of Leipzig, Germany.
- 11:15 **531.12** Rat Liver Repopulation by Transplanted Late Gestation Fetal Hepatocytes. **J. Sanders, J. Boylan, H. Francois-Vaughan, P.M. Thomas, J. Sikora, N. Abshiru, P. Gruppuso, N. Kelleher**. Brown University, Rhode Island Hospital & Alpert Medical School of Brown University and Feinberg School of Medicine Northwestern University.