



SCHOOL OF MEDICINE
**INDIANA CENTER
FOR LIVER RESEARCH**
DEPARTMENT OF MEDICINE
2022 Symposium
September 22 - 23, 2022
Crowne Plaza Union Station Hotel

Wednesday, September 21

Guest arrival & check into hotel.

Thursday, September 22

7:30 – 8:00 am

Continental Breakfast & Registration

8:00 – 8:10 am

Symposium Welcome

Gianfranco Alpini, Ph.D., AGAF, FAASLD

John B. Hickman Professor of Medicine
Division of Gastroenterology & Hepatology
Indiana University School of Medicine
Director, Indiana Center for Liver Research
Senior Research Scientist
Richard L. Roudebush Indianapolis VA Medical Center

And

Heather Francis, Ph.D., FAASLD

Professor of Medicine
Division of Gastroenterology & Hepatology
Indiana University School of Medicine
Scientific Director, Indiana Center for Liver Research
Research Scientist
Richard L. Roudebush Indianapolis VA Medical Center

8:10 – 8:30 am

Opening Remarks

Mohammad A. Al-Haddad, MD

Interim Division Chief & Medical Director
Professor of Medicine
Indiana University School of Medicine
Medical Director, Destination Services, IU Health

David M. Aronoff, MD, FIDSA, FAAM

John B. Hickam Professor of Medicine
Chair, Department of Medicine
Indiana University School of Medicine

Tatiana Foroud, Ph.D.

Executive Associate Dean for Research Affairs
Chair, Department of Medical & Molecular Genetics
Indiana University School of Medicine

Liver Cell Biology (100 min)

Moderators: Suthat Liangpunsakul, M.D., MPH and
Zhihong (Joe) Yang, Ph.D.
*20-minute presentations followed by 5 minutes of discussion
(total time 25 minutes)*

8:30 – 8:55 am

*“Protective role for microbiota metabolite indole in
NAFLD”*

Chaodong Wu, M.D., Ph.D.

Professor, Department of Nutrition
Texas A&M University

8:55 – 9:20 am

“Advanced in vitro 3D human liver models”

Burcin Ekser, M.D., Ph.D.

Associate Professor of Surgery
Department of Surgery
Director, Xenotransplantation Research Laboratory
Indiana University School of Medicine

9:20 – 9:45 am

*“Therapeutic implications of enhancing beta-catenin
activation in hepatocyte reprogramming”*

Kari Nejak-Bowen, M.B.A., Ph.D.

Associate Professor
Department of Pathology
University of Pittsburgh School of Medicine
Director of Enrichment Programs
Pittsburgh Liver Research Center

9:45 – 10:10 am

*“Elucidating how ER-associated degradation pathways
facilitate fibrosis”*

Jessica Maiers, Ph.D.

Assistant Professor of Medicine
Division of Gastroenterology & Hepatology
Indiana University School of Medicine

10:10 – 10:20 am
Break

Alcohol-induced Liver Disease (100 minutes)

Moderators: Heather Francis, Ph.D. and Natalie Torok, M.D.

20-minute presentations followed by 5 minutes of discussion (total time 25 minutes)

10:20 – 10:45 am

“Small bugs, big changes: a microbiota-centered view of liver disease”

Bernd G. Schnabl, M.D.

Professor of Medicine
UCSD School of Medicine
Director of the San Diego Digestive Diseases Research Center

10:45 – 11:10 am

“Multiomics reveals new pathobiologic targets for alcohol associated hepatitis”

Vijay Shah, M.D., AGAF, FAASLD

Professor of Medicine
Professor of Physiology
Chair, Gastroenterology and Hepatology
Mayo Clinic School of Medicine

11:10 – 11:35 am

“Alcoholic hepatitis: novel pathogenesis and therapeutic targets”

Bin Gao, M.D., Ph.D., FAASLD

Chief, Laboratory of Liver Diseases
National Institute on Alcohol Abuse and Alcoholism
National Institutes of Health

11:35 – 12:00 pm

“Role of lymphatics in inflammatory liver pathologies”

Sanjukta Chakraborty, Ph.D.

Assistant Professor
Medical Physiology, Texas A&M University

12:00 – 12:15 pm

Obtain catered box lunch

12:15 – 1:15 pm

Keynote Lecture

“The many ways to repair liver: Prometheus needed them all”

Paul Monga, M.D., FAASLD

Professor of Pathology and Medicine
Endowed Chair for Experimental Pathology
Vice Chair and Chief of the Division of Experimental Pathology

Assistant Dean for the Medical Scientist Training Program

University of Pittsburgh

Director, Pittsburgh Liver Research Center

Introduction: Heather Francis, Ph.D., FAASLD, AGAF

1:15 – 1:30 pm

Break

Metabolic Syndromes, NAFLD and NASH (150 minutes)

Moderators: X. Charlie Dong, Ph.D. and Debjyoti Kundu, M.S.

20-minute presentations followed by 5 minutes of discussion (total time 25 minutes)

1:30 – 1:55 pm

“Levering energy expenditure in the management of NAFLD (tentative)”

David E. Cohen, M.D., Ph.D., AGAF, FAASLD

Chief, Division of Gastroenterology, Hepatology and Endoscopy
Brigham and Women’s Hospital
Harvard Medical School

1:55 – 2:20 pm

“Hepatic and biliary noncanonical HF-kB pathway in liver disease”

Liangyou Rui, Ph.D., FAAAS

Louis G. D’Alecce Collegiate Professor of Physiology
Molecular & Integrative Physiology
Professor of Internal Medicine-Gastroenterology
University of Michigan Medical School

2:20 – 2:30 pm

Break

2:30 – 2:55 pm

“The liver matrix in NASH”

Natalie Torok, M.D.

Professor of Medicine
Division of Gastroenterology and Hepatology
Stanford University School of Medicine

2:55 – 3:20 pm

“PNPLA3 and HSD17B13 variants in nonalcoholic fatty liver disease”

Naga Chalasani, M.D.

David W. Crabb Professor of Gastroenterology and Hepatology
Indiana University School of Medicine

3:20 – 3:45 pm

“The role of sex hormones in NAFLD”

Niharika Samala, M.D.

Assistant Professor of Medicine
Division of Gastroenterology & Hepatology
Indiana University School of Medicine

3:45 – 4:15 pm

Group Picture

4:15 – 6:00 pm

Poster session, and wine and cheese reception

6:00 pm

Adjournment

7:00 pm

Dinner (faculty and invited guests)

Friday, October 2nd

7:45 – 8:15 am

Continental Breakfast

Cholangiopathies (100 minutes)

Moderators: Kari Nejak-Bowen, M.B.A., Ph.D. and Enis Kostallari, Ph.D.
20-minute presentations followed by 5 minutes of discussion
(total time 25 minutes)

8:15 – 8:40 am

“Effects of space flight and microgravity on mouse liver metabolism”

Shannon Glaser, Ph.D., FAASLD

Professor, Medical Physiology
Texas A&M University College of Medicine

8:40 – 9:05 am

“Cholangiocyte primary cilium, a tumor suppressor organelle”

Sergio Gradilone, Ph.D.

Associate Professor, Cancer Biology and Translational Research
Hormel Institute, University of Minnesota, and Mayo Clinic

9:05 – 9:30 am

“Secretin alleviates biliary and liver injury during late-stage primary biliary cholangitis via restoration of secretory processes”

Lindsey Kennedy, Ph.D.

Research Assistant Professor, Medicine
Indiana University School of Medicine
Health Science Specialist
Richard L. Roudebush Indianapolis VA Medical Center

9:30 – 9:40 am

Break

Mechanisms of Liver Injury (100 minutes)

Moderators: Wen-Xing Ding, Ph.D. and Lixian Chen, Ph.D.
20-minute presentations followed by 5 minutes of discussion
(total time 25 minutes)

9:40 – 10:05 am

“The Unfolded protein response and cholestatic liver disease”

Richard M. Green, M.D., AGAF, FAASLD

Professor of Medicine
Feinberg School of Medicine
Northwestern University

10:05 – 10:30 am

“RNA binding protein HuR protects against NAFLD by suppressing long non-coding RNA H19 expression”

Huiping Zhou, Ph.D., M.S., AGAF, FAASLD

Professor, Department of Microbiology, and Immunology
Medical College of Virginia
Virginia Commonwealth University

10:30 – 10:55 am

“Gut-liver crosstalk by FXR and FGF 15/19”

Grace Guo, Ph.D., FAASLD

Associate Professor
Department of Pharmacology and Toxicology
Ernest Mario School of Pharmacy
Rutgers University

10:55 – 11:20 pm

“Metabolism and extracellular vesicles during liver fibrosis”

Enis Kostallari, Ph.D., M.S.

Assistant Professor of Gastroenterology and Hepatology
Mayo Clinic College of Medicine

11:20 – 11:30 pm

Obtain catered box lunch

11:30 – 12:30 pm

Keynote Lecture

“Targeting the ductular reaction therapeutically in cholestatic liver injury”

Gregory J. Gores, M.D., FASLD, AGAF

Reuben R. Eisenberg Endowed Professor in Gastroenterology and Hepatology
Mayo Clinic College of Medicine and Science
Executive Dean for Research, Mayo Clinic

Introduction: Gianfranco Alpini, Ph.D.

12:30 – 12:45 pm

Break

Chronic Liver Injury and Fibrosis (125 minutes)

Moderators: Fanyin Meng, Ph.D. and Tianhao Zhou, Ph.D.

20-minute presentations followed by 5 minutes of discussion

(total time 25 minutes)

12:45 – 1:10 pm

“Regulation of liver cell remodeling and ductular reaction by mTOR in alcoholic hepatitis”

Wen-Xing Ding, Ph.D., FAASLD

Professor, Pharmacology, Toxicology & Therapeutics

University of Kansas School of Medicine

1:10 – 1:35 pm

“Mitochondriopathy in very rare and common pediatric liver diseases”

Chandrashekar Gandhi, Ph.D., FAASLD

Professor

Gastroenterology, Hepatology and Nutrition

Cincinnati Children’s Hospital Medical Center

Professor of Surgery, University of Cincinnati

1:35 – 2:00 pm

“Autoimmune hepatitis: Insights provided by GRACE”

Craig Lammert, M.D.

Assistant Professor of Medicine

Division of Gastroenterology & Hepatology

Indiana University School of Medicine

2:00 pm

Closing Remarks and Adjournment

Gianfranco Alpini, Ph.D., FAASLD, AGAF

John B. Hickman Professor of Medicine

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