

8:00 a.m. **Registration**

9:00 a.m. **Perry Nisen, M.D., Ph.D.**, CEO, SBP and **Duc Dong, Ph.D.**, Symposium Chair
Opening Remarks

SESSION 1 INTRODUCTION TO ALAGILLE SYNDROME

9:10 a.m. **David Dimmock, M.D.** – Rady Children's Hospital San Diego
Realizing realtime results through rapid sequencing leads to timely treatment in children with cholestasis

9:25 a.m. **Cindy Luxhoj** – Alagille Syndrome Alliance (ALGSA)
Alagille syndrome – life on the jagged edge

9:40 a.m. **Nancy B. Spinner, Ph.D.** – The Children's Hospital of Philadelphia
KEYNOTE *Two decades of Alagille syndrome research: Advances and challenges*

10:05 a.m. **Binita Kamath, M.D., MBBChir, MRCP** – The Hospital for Sick Children
The liver disease in Alagille syndrome: Pathology, clinical insights and the unknowns

10:20 a.m. BREAK

SESSION 2 LIVER DEVELOPMENT AND ALAGILLE SYNDROME MODELS

10:35 a.m. **Stacey S. Huppert, Ph.D.** – Cincinnati Children's Hospital Medical Center
Molecular factors regulating hepatic cell identity

10:50 a.m. **Hamed Jafar-Nejad, M.D.** – Baylor College of Medicine
Modeling Jag1 haploinsufficiency in mice

11:05 a.m. **Shinichiro Ogawa, Ph.D.** – University Health Network Canada
Modeling human biliary development and diseases from human pluripotent stem cells

11:20 a.m. **Gregory H. Underhill, Ph.D.** – University of Illinois-Champaign
Engineering microenvironments to study liver differentiation

11:35 a.m. **Emma Andersson, Ph.D.** – Karolinska Institutet, Stockholm, Sweden
Investigating Notch control of development using high-throughput in utero gene manipulation

11:50 a.m. LUNCH

SESSION 3 NOTCH SIGNALING MODELS

1:00 p.m. **Raphael Kopan, Ph.D.** – University of Cincinnati College of Medicine
KEYNOTE *Notch signaling in nephron segmentation*

1:25 p.m. **Jan Jensen, Ph.D.** – Cleveland Clinic Lerner Research Institute
High-dimensionality perturbation methods towards control of cell fate and implications for rare disease research

1:40 p.m. **Julia Mack, Ph.D.** – University of California, Los Angeles
Notch signaling in organogenesis and vascular homeostasis

1:55 p.m. **Duc Dong, Ph.D.** – Sanford Burnham Prebys Medical Discovery Institute
Jagged signaling in biliary development, disease, and regeneration

2:10 p.m. BREAK

SESSION 4 REGENERATION

2:25 p.m. **Holger Willenbring, M.D., Ph.D.** – University of California, San Francisco
Hepatocyte plasticity: Metaplasia or transdifferentiation?

2:40 p.m. **Joan Font-Burgada, Ph.D.** – Fox Chase Cancer Center
Cell diversity in liver regeneration

2:55 p.m. **Mario Strazzabosco, M.D., Ph.D.** – Yale University School of Medicine
Role of notch signaling in biliary repair

3:10 p.m. **Markus Grompe, M.D.** – Oregon Health & Science University
KEYNOTE *Making ducts from hepatocytes*

3:35 p.m. **Anna Laurent** – Alagille Syndrome Alliance (ALGSA)
My ALGS Journey

3:50 p.m. BREAK

4:00 p.m. **PANEL DISCUSSION**
Chair: **Ciara Kennedy, Ph.D.** – President & CEO, Amplyx Pharmaceuticals

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Registration closes February 10, 2017

Chair: **Duc Dong, PhD**, ducdong@sbpdiscovery.org

Co-Chair: **Holger Willenbring, MD, PhD**, Holger.Willenbring@ucsf.edu

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