

# LIVER DIGEST

A weekly update of PLRC happenings

March 24, 2022



[www.livercenter.pitt.edu](http://www.livercenter.pitt.edu)

**Please acknowledge support from the PLRC (NIH/NIDDK  
P30DK120531) in your publications and presentations.** [\(Click for a  
copy/paste version for manuscript and grant submissions\)](#)

Please continue to share your relevant accolades (grants, manuscripts, other news) with us, as it relates to PLRC mission, so we can share with all members. Please visit [PLRC website here](#) for up-to-date news, and upcoming seminar and event information. Contact AJ Singh ([singha16@upmc.edu](mailto:singha16@upmc.edu)) if you have specific questions or suggestions.

## In this issue

- PLRC Virtual Seminar
  - Faculty Highlights
    - Dr. Donghun Shin awarded NIH R01 grant
    - Dr. Silvia Liu and Dr. Dean Yimlamai co-author a paper in Hepatology Communications
    - Dr. Andres Duarte-Rojo and colleagues publish study in Clinical Gastroenterology and Hepatology
    - Dr. Paul Monga and Dr. Dave Geller receive Community Liver Alliance award
  - Additional Seminars and Meeting Announcements
    - ASIP Experimental Biology 2022
    - FASEB: The Liver Biology Conference
  - Industry Collaboration Opportunity
    - Boehringer Ingelheim
  - Training Opportunities
    - Next Generation Sequencing Workshops
    - Graduate student class - Microscopy
  - Funding Opportunities
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## Next PLRC Virtual Seminar

The next PLRC Research Seminar will be held on **Thursday, March 22 at 12:00pm**. Dr. Alan McLachlan, Professor of Microbiology and Immunology at University of Illinois Cancer Center College of Medicine will be presenting a talk, entitled, "**From epigenetic regulation of hepatitis B virus (HBV) biosynthesis during liver development to hepatocellular carcinoma (HCC) heterogeneity.**"

**Zoom:** <https://pitt.zoom.us/j/94996033342>

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**The next K-Club junior faculty representatives meeting will be on June 2<sup>nd</sup>**

If you are interested in joining upcoming meetings, please RSVP with Amanda Bytzura ([bytzuraam@upmc.edu](mailto:bytzuraam@upmc.edu))

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**Dr. Donghun Shin and Dr, Kari Nejak-Bowen awarded NIH R01 MPI Grant**

**Dr. Donghun Shin**, Associate Professor of Developmental Biology, received NIH R01 Award for their grant, entitled, "Delineating the molecular mechanisms of hepatocyte-to-cholangiocyte reprogramming." PLRC member **Dr. Kari Nejak-Bowen**, Associate Professor of Pathology, is a collaborator and co-investigator on this grant.

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## **Dr. Silvia Liu and Dr. Dean Yimlamai co-author a paper in Hepatology Communications**

**Dr. Silvia Liu** and Dr. Dean Yimlamai and colleagues published a paper in Hepatology Communications, entitled, "Transcriptomic profiling of a multiethnic pediatric NAFLD cohort reveals genes and pathways associated with disease."

**[Click here to read the full article](#)**

Yao K, Tarabra E, Sia D, Morotti R, Fawaz R, Valentino P, Santoro N, Caprio S, Liu S, Yimlamai D. Transcriptomic profiling of a multiethnic pediatric NAFLD cohort reveals genes and pathways associated with disease. Hepatol Commun. 2022 Mar 21. doi: 10.1002/hep4.1940. Epub ahead of print. PMID: 35312185.

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## **Dr. Andres Duarte-Rojo and colleagues publish study in Clinical Gastroenterology and Hepatology**

**Dr. Andres Duarte-Rojo**, Associate Professor of Medicine, and colleagues published a study in Clinical Gastroenterology and Hepatology, entitled, "Low Daily Step Count is Associated with a High Risk of Hospital Admission and Death in Community-Dwelling Patients with Cirrhosis."

**[Click here to read the full article](#)**

**[Click here](#)** to see news article regarding this study on MEDPAGETODAY - Gastroenterology

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## **Dr. Dave Geller and Dr. Paul Monga selected at the 8th annual Community Liver Alliance Awards**

PLRC members [Dr. Paul Monga](#) and Dr. [Dave Geller](#) selected to be honored at the 8th annual community liver alliance awards for their contributions in science and community outreach.

### [Luncheon Flyer - May 6](#)

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## Experimental Biology 2022

Experimental Biology 2022 is home to American Society of Investigative Pathology (ASIP). This year from April 2, 2022-April 5, 2022, there will be a number of liver sessions at this meeting.

A detailed program can be found at:  
<https://asip2022.asip.org/program/asip-2022-scientific-program/>

Please try your best to attend these wonderful scientific and career development sessions

**2022 is the final Experimental Biology meeting, but the science will continue...**

Basic Science and Translational Research into Mechanisms of Human Disease - Improving Disease Prevention, Detection, Diagnosis, and Treatment

The  
CEB  
Finale  
Face-to-Face in  
**Philadelphia, PA**

**APRIL 2-5 2022**

**ASIP ANNUAL MEETING AT**  
EXPERIMENTAL BIOLOGY

#ASIP2022 at #ExpBi

## The Liver Biology Conference: Fundamental Mechanisms and Translational Applications

Announcing the 2022 Liver Biology FASEB Meeting in person! The program, conference and registration information can be found at <https://faseb.org/liverbio22>

- Abstract deadline May 16, 2022
- Early registration deadline May 26, 2022
- Housing deadline June 12, 2022
- Registration closing deadline June 22, 2022

The banner features a dark red background with a white wireframe map of the United States. The FASEB logo is on the left, and the conference title is in large white text in the center. Below the title, the location and dates are listed, followed by the hashtag #LBCSRC22.

**FASEB**  
Federation of American Societies  
for Experimental Biology

# The Liver Biology Conference: Fundamental Mechanisms and Translational Applications

NEW ORLEANS, LA | JUNE 26-30, 2022

#LBCSRC22

Spread the news #LBCSRC22

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### Industry Collaboration - Boehringer Ingelheim

Boehringer Ingelheim is offering an opportunity for industry collaboration in the liver space.

Application due by March 22, 2022

Faculty are encouraged to reach out to the Director of the Office of Industry & Economic Partnerships, Scott Morley, ([scott.morley@pitt.edu](mailto:scott.morley@pitt.edu)), for assistance. The team at OIEP is available to review proposals and facilitate application.

**[Click here for additional information](#)**

**[Click here for submission template](#)**

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### **Spring 2022 Next Generation Sequencing Workshops**

Center for Research Computing is hosting workshop series for next-generation sequencing data analysis. Dr. Silvia Liu, PLRC Genomics and Systems Biology Core manager, will teach long-read sequencing and ChIP-seq sections. PLRC members, students/postdocs are encouraged to register. There are several other topics such as RNA-seq and single-cell analysis that should be very useful for the labs who want to perform genomic study.

**<https://crc.pitt.edu/training/spring-2022-next-generation-sequencing-workshops>**

**<https://crc.pitt.edu/training/spring-2022-next-generation-sequencing-workshops-registration>**

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### **MSCBMP 2860 - Microscopy**

Dear \_\_\_\_\_ students,

**[Please see the attached flyer for the Multiparametric Microscopic Imaging Summer Course](#)**

MSCBMP2860, (sponsored by Cell Biology) 3 credits  
**May 12-July 21, 2022**, Tuesdays and Thursdays 10-11:30am  
Course directors: Drs. Donna Stolz and Claudette St Croix

*This is an introduction to optical and electron-based imaging modalities commonly used in biomedical research. Students will learn the science behind light and electron microscopy techniques, as well as tissue and cell processing for each technology. More specific imaging techniques such as live cell and whole animal imaging are also covered as are a number of standard and novel probes for live and fixed-cell imaging. Imaging processing, quantitation, and ethics will also be covered.*

If you have any questions, please contact Shanning Wan ([shw126@pitt.edu](mailto:shw126@pitt.edu)).

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## FUNDING OPPORTUNITIES

To see all NIH Grants sorted by week, please visit: [NIH Guide: 2022](#)

Or click below:

- [March 25](#)
- [March 18](#)

[Click here](#) for all current NIDDK Funding opportunities

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**1P30DK120531-01 to Pittsburgh Liver Research Center (PLRC)**  
Also indicate which core/service from the PLRC was utilized within your acknowledgment:



- [Clinical Biospecimen Repository and Processing Core \(CBRPC\)](#)
  - [Genomics and Systems Biology Core \(GSBC\)](#)
  - [Human Synthetic Liver Biology Core \(HSLBC\)](#)
  - [Advanced Cell and Tissue Imaging Core \(ACTIC\)](#)
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