

LIVER DIGEST

A weekly update of PLRC happenings

March 17, 2022



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) if you have specific questions or suggestions.

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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>

The next K-Club junior faculty representatives meeting will be on June 2nd

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

Dr. Mo Ebrahimkhani and colleagues publish article in Genome Biology

Dr. Mo Ebrahimkhani published an article in Genome Biology, entitled, "TraSig: inferring cell-cell interactions from pseudotime ordering of scRNA-Seq data."

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

Li D, Velazquez JJ, Ding J, Hislop J, Ebrahimkhani MR, Bar-Joseph Z. TraSig: inferring cell-cell interactions from pseudotime ordering of scRNA-Seq data. Genome Biol. 2022 Mar 7;23(1):73. doi: 10.1186/s13059-022-02629-7. PMID: 35255944.

Dr. Alex Soto-Gutierrez lab and colleagues publish article in Hepatology Communications

Dr. Alex Soto-Gutierrez and colleagues published an article in Hepatology Communications, entitled, "Transmembrane channel activity in human hepatocytes and cholangiocytes derived from induced pluripotent stem cells." PLRC members Dr. Drew Feranchak, Dr. Jim Squires, Dr. Alina Ostrowska contributed to this paper.

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

Florentino RM, Li Q, Coard MC, Haep N, Motomura T, Diaz-Aragon R, Faccioli LAP, Amirneni S, Kocas-Kilicarslan ZN, Ostrowska A, Squires JE, Feranchak AP, Soto-Gutierrez A. Transmembrane channel activity in human hepatocytes and cholangiocytes derived from induced pluripotent stem cells. Hepatol Commun. 2022 Mar 15. doi: 10.1002/hep4.1920. Epub ahead of print. PMID: 35289126.

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



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

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), for assistance. The team at OIEP is available to review proposals and facilitate application.

[Click here for additional information](#)

[Click here for submission template](#)

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>

MSCBMP 2860 - Microscopy

Dr. Donna Stolz, Director of Advanced Cell and Tissue Imaging Core, will be teaching MSCBMP 2860 Multiparametric Microscopic Imaging - Summer 2022, T, Th 5/10-7/29. Share with interested graduate students, Registration is now open.

[Click here for more information](#)

FUNDING OPPORTUNITIES

Concept Proposals

Immune Tolerance Network

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

Or click below:

- [March 18](#)
- [March 11](#)

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

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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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