

LIVER DIGEST

A weekly update of PLRC happenings

May 5, 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, other news articles) 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 Seminar will be held on **Tuesday, May 17 at 12:00pm. Kelly Stevens, PhD,** Assistant Professor of Bioengineering and Pathology, University of Washington will be presenting a talk. This seminar will be held online and in-person.

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)

Tomorrow Life: Project Unmute

Dr. Samira Kiani from the University of Pittsburgh Liver Research Center, has been working to devise innovative solutions to bridge the gap between scientists and the general public. The goal is to educate and inform people about advancements being made at the cutting edge of scientific research by bringing stories from within the laboratories into the public eye.

The trailer of Project Unmute is on the livercenter website below:

[Click here to watch the trailer](#)

The project is now can be found at "**unmute.tomorrow.life**"

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



Spread the news [#LBCSRC22](#)

Harvard Digestive Diseases Center Spring Symposium

HDDC Spring Symposium: Tuesday, June 7, 2022 from 8:30AM - 4:30PM (EDT). This conference will take place at Boston Children's Hospital, Enders Building - Folkman Auditorium. [See the flyer here](#)

[Register for this event](#)

**Attendees not up-to-date on their vaccine series must remain masked and eat 6 ft away from others*

Virtual **Attendance:**

https://bostonchildrens.zoom.us/webinar/register/WN_LpdW9eoYQOaFMcmRzo6Xlw

For additional information, contact: aglaia.polyzou@childrens.harvard.edu or
Visit the HDDC Website at:

<https://hddc.hms.harvard.edu/event/hddcspringsymposium2022>

Call for Papers: Guest Edited Collection sponsored by Scientific Reports

Submissions are now being accepted for a Guest Edited Collection sponsored by Scientific Reports on the subject of Tissue Fibrosis and Repair. The scope of the collection is as follows:

"Fibrosis is a process of excess extracellular matrix deposition in response to injury that occurs where normal wound-healing processes have become dysregulated. This pathological deposition of tissue is due to an aberrant release of growth factors and cytokines and may lead to organ remodeling and dysfunction, contributing to chronic disease and organ failure. Though fibrosis occurs in tissues throughout the body, it is most commonly associated with severe disease when it occurs in the lungs, heart, liver and kidneys and is often not identified until organ function has been compromised. This Collection aims to present manuscripts that increase our understanding of the mechanisms of tissue repair and causes of dysregulation or that present potential treatments that may slow disease progression."

If you are interested in submitting a peer-reviewed manuscript for inclusion in this collection, when submitting your manuscript to Scientific Reports select "any other article type" instead of regular manuscript. Then select "guest edited collection" and when promoted for the name of the collection, select Tissue Fibrosis and Repair.

[More detailed information about the collection can be found here](#)

Submissions will be open until October 31, 2022.

Reverse ECM accumulation in NASH with novel models



opnMe

How would you enhance extracellular matrix degradation in the liver of NASH patients using innovative strategies?

Apply through June 2, 2022

Accumulation of ECM is a hallmark of NASH. Interfering with this process may represent a pragmatic approach to stop fibrosis. In this context, we invite you to answer the following question: [Click here if interested](#)

"We invites you to submit proposals with ideas for in vitro assay systems or in vivo models that allow the identification and validation of therapeutic targets to enhance ECM degradation, thereby attenuating liver fibrosis. This can include ideas based on, but not limited to using screening assays like CRISPR/Cas9-based screens or in vivo screens using an in vivo model for ECM turnover. The right answer may come from any scientific discipline in relation to life sciences. We plan to fund selected proposals with up to 200,000 euros each. [Learn more...](#)"

A panel of Boehringer Ingelheim scientists will review all incoming answers after the final submission date. Successful ideas will be explored in collaboration with the winning proposals.

Submissions for collaborations can only be accepted if they arrive no later than June 2, 2022 11:59 pm PST

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).

Post-Doc Position Available - Dr. Donghun Shin Lab

Donghun Shin Lab is currently seeking a qualified candidate for a post-doc position. See attached flyer for more information.

[Shin Lab Postdoc Position Apr2022](#)

FUNDING OPPORTUNITIES

Research Grant

Mend a Heart Foundation

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

Or click below:

- **[May 6](#)**
- **[April 29](#)**

[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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