

LIVER DIGEST

A weekly update of PLRC happenings

June 2, 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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Request for PLRC seminar speakers for next academic year due by June 15

Please nominate 1-2 speakers for the PLRC enrichment program. [Email Amanda Bytzura \(bytzuraam@upmc.edu\)](mailto:bytzuraam@upmc.edu) and Dr. Kari Nejak-Bowen (knnst5@pitt.edu) with the names of [any suggestions you may have by June 15.](#)

Dr. Marlies Meisel and colleagues publish paper in Cell: Host and Microbe

[Dr. Marlies Meisel](#), Assistant Professor of Immunology, published a paper in Cell: host and Microbe, entitled, "Tet2 deficiency drives liver microbiome dysbiosis triggering Tc1 cell autoimmune hepatitis." PLRC members, [Dr. Gavin Arteel](#), [Dr. Aatur Singhi](#), and [Dr. Stacy Wendell](#), also contributed to this paper.

[Click here to read the article](#)

Surya P. Pandey, Mackenzie J. Bender, Alex C. McPherson, Catherine M. Phelps, Luzmarie Medina Sanchez, Mohit Rana, Lee Hedden, Kishan A. Sangani, Li Chen, Jake H. Shapira, Magdalena Siller, Chhavi Goel, Elena F. Verdú, Bana Jabri, Alexander Chang, Uma R. Chandran, Steven J. Mullett, Stacy G. Wendell, Aatur D. Singhi, Jeremy S. Tilstra, Joseph F. Pierre, Gavin E. Arteel, Reinhard Hinterleitner, Marlies Meisel, Tet2 deficiency drives liver

microbiome dysbiosis triggering Tc1 cell autoimmune hepatitis, Cell Host & Microbe, 2022, ISSN 1931-3128, <https://doi.org/10.1016/j.chom.2022.05.006>.

Dr. David Geller and colleagues publish review article in American Journal of Physiology, Gastrointestinal and Liver Physiology

Dr. David Geller, Richard L. Simmons Professor of Surgery and Co-Director of CBRPC, published a review article in American Journal of Physiology, Gastrointestinal and Liver Physiology, entitled, "The therapeutic potential of exosomes derived from different cell sources in liver diseases."

[Click here to read the article](#)

Pan Y, Tan WF, Yang MQ, Li JY, Geller DA. The therapeutic potential of exosomes derived from different cell sources in liver diseases. Am J Physiol Gastrointest Liver Physiol. 2022 Apr 1;322(4):G397-G404. doi: 10.1152/ajpgi.00054.2021. Epub 2022 Feb 2. PMID: 35107032; PMCID: PMC8917924.

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

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

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: Tissue Fibrosis and Repair special collection by Scientific Reports

Submissions are now being accepted for a special 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



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

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

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

Or click below:

- [June 3](#)
- [May 27](#)

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

Acknowledgment of Support Statement: This work was supported by NIH grant
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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Our mailing address is:

Pittsburgh Liver Research Center
200 Lothrop St. | Pittsburgh, PA 15261