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LIVER DIGEST

A bi-weekly update of PLRC happenings

July 22, 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 Aaron Bell (bellaaro@pitt.edu) if you have specific questions or suggestions.

**** NOTE: the PLRC Newsletter will now be published every 2 weeks. ****

In this issue

- PLRC Seminars is on hiatus and will resume late-August: thank you for your continued participation and discussion
 - Faculty Highlights
 - Dr. Gavin Arteel Receives R01 Funding
 - Dr. Kari Nejak to organize next Liver Biology Summer Conference 2024
 - PLRC CORE(s) Updates
 - CBRPC Receives funding for human hepatocyte Isolation.
 - HLSBC service fee increase
 - Additional Seminars and Announcements
 - Call for Papers: Liver Cancer Metabolism: From Pathophysiology to Novel Therapeutic Targets
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**Congratulations!
2022 NIH R01
AWARD**



**Gavin E. Arteel,
PhD, FAASLD**

**NOVEL BIOMARKERS
FOR POST-LIVER
TRANSPLANT NASH
FIBROSIS**

NIH-NIDDK

[For further info and to read the Abstract, Click HERE!](#)

**Liver Biology
Summer Research Conference 2024
Organizing Committee.**

**Jan Tchorz
Novartis**

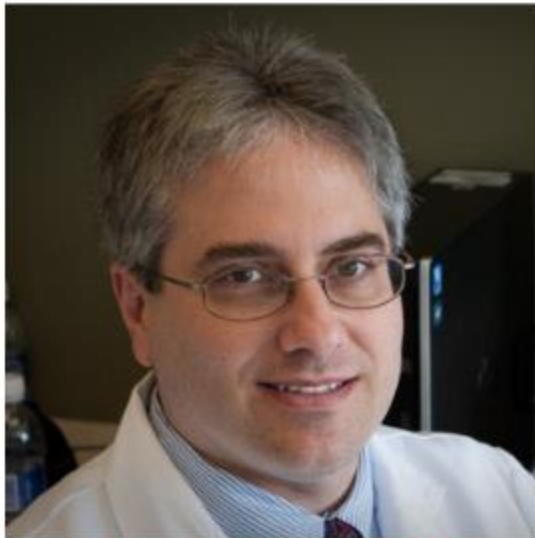
**Kari Nejak-Bowen
Univ. of Pittsburgh**

**Jacquelyn Maher
UCSF**



**Dr. Nejak-Bowen selected to the organizing committee for the next Liver
Biology Summer Research Conference in 2024. Location TBD!**

The Clinical Biospecimen Repository and Processing Core was awarded funding through an administrative supplement to the PLRC P30 Grant to continue its operations in isolation and distribution of human hepatocytes under the direction of Dr. David Geller, MD.

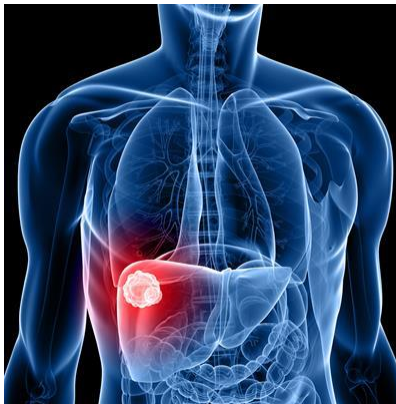


David Geller, MD

The Human Liver Synthetic Biology Core (HSLBC) provides a very unique service not readily available elsewhere in the USA. They are able to isolate and provide viable hepatocytes from diseased human livers (Cirrhosis, NASH, AH, PSC, etc). The costs are subsidized 50% for PLRC members but due to inflation, reagent and supply costs

have increased $\geq 32\%$ and thus so have the fees for service. To discuss specific costs or service needs please contact Dr. Alex Soto-Gutierrez (als208@pitt.edu) and Alina Ostrowska (alina.ostrowska@chp.edu).

Call for Papers:
Liver Cancer Metabolism- From Pathophysiology to Novel Therapeutic Targets



Manuscripts are now being accepted for a special issue of Frontiers in Physiology Gastrointestinal Sciences. More information can be found by clicking here.

"Liver cancer is one of the most lethal cancers worldwide. Dysregulation of metabolism, both intrinsic and extrinsic to the liver, is known to contribute to the severe lethality of liver cancer, by enhancing liver carcinogenesis. Thus, identification of novel pathophysiologic mechanisms and associated targets in liver cancer and better characterization of already-known mechanisms and targets present exciting, emerging opportunities for diagnosis, treatment, and possibly

even prevention of such cancer. Accordingly, for this Research Topic, we invite the submission of original research articles, review articles, as well as short communications which describe how cutting-edge discoveries about liver cancer metabolism and associated pathophysiology are leading to innovative ways to diagnose and combat liver cancer.

We welcome submissions related to the following sub-topics:

- Physiology of metabolic phenotypes in liver cancers
- Metabolism-mediated mechanisms of resistance to chemotherapy in liver cancers
- Metabolism-mediated mechanisms of cancer-associated fibroblast promotion of liver cancers
 - Metabolism-mediated mechanisms of the immunobiology of liver cancers
 - Therapeutic targeting of metabolism in liver cancers

Keywords: Liver Cancer, Metabolism, Pathophysiology, Disease Mechanism, Therapeutic Targets"

Submission Deadlines:

25 June 2022- Abstract

24 August 2022- Manuscript

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.

FUNDING OPPORTUNITIES

Judith Graham Pool (JGP) Postdoctoral Research Fellowship

National Hemophilia Foundation (NHF)

Bridge Award

National Hemophilia Foundation (NHF)

Targeting senescence in chronic liver disease

opnMe (Boehringer-Ingelheim-collaboration)

Role of HSD17B13 in human disease beyond hepatocytes

opnMe (Boehringer-Ingelheim-collaboration)

new AGA-Pfizer Pilot Research Award in Non-Alcoholic Steatohepatitis

AGA Research Foundation, American Gastroenterological Association (AGA)

new AGA-Amgen Fellowship-to-Faculty Transition Award

AGA Research Foundation, American Gastroenterological Association (AGA)

new Research Grants in Burkitt lymphoma, Ewing sarcoma, rhabdoid tumors (liver), childhood glioblastoma multiforme (GBM), and atypical teratoid rhabdoid tumor (ATRT) St. Baldrick's Foundation (SBF)

To see all NIH Grants sorted by week, please visit: **NIH Guide: 2022**

Or click below:

- **July 15**
- **July 8**

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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