

# LIVER DIGEST

A weekly update of PLRC happenings

January 20, 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

- Virtual External Advisory Board visit
- PLRC Virtual Seminar
- Faculty Highlights
  - Dr. Hamza Yazdani and colleagues publish article in Cancers
  - Dr. Bokai Zhu and colleagues publish manuscript in ScienceAdvances
  - Dr. Rannar Airik and colleagues publish manuscript in The FASEB Journal
  - Dr. Gavin Arteel contributes to review article in Zeitschrift fur Gastroenterologie
- Industry Collaboration Opportunity
  - Boehringer Ingelheim
- Training Opportunities
  - Next Generation Sequencing Workshops
- Funding Opportunities

---

**Virtual External Advisory Board visit**

Dear PLRC Members, please join us next week, January 25, 2022 at 10:00AM-12:15PM for the PLRC's EAB visit during which seven Pilot and Feasibility Program applicants will be presenting their research proposal via Zoom. This visit will be in place of our PLRC Seminar.

**[Agenda and Zoom Link can be found here](#)**

---

### **Next PLRC Virtual Seminar**

Our next PLRC seminar will be held on **Tuesday, February 1 at 12:00 pm via both Zoom and in-person formats.** **Dr. Sarah Hainer**, Assistant Professor of Biological Sciences at the University of Pittsburgh, will be presenting. The title of the talk will be, "Nucleosome dynamics and non-coding RNAs coordinate to regulate cell state."

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

---

### **Dr. Hazma Yazdani and colleagues publish article in Cancers**

**Dr. Hamza Yazdani** and colleagues publish a review article in Cancers, entitled, "Neutrophil Extracellular Traps (NETs) in Cancer Metastasis." PLRC member, **Dr. Samer Tohme**, also contributed to this article.

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

Kaltenmeier C, Simmons RL, Tohme S, Yazdani HO. Neutrophil Extracellular Traps (NETs)

in Cancer Metastasis. *Cancers* (Basel). 2021 Dec 6;13(23):6131. doi: 10.3390/cancers13236131. PMID: 34885240; PMCID: PMC8657162.

---

### **Dr. Bokai Zhu and colleagues publish manuscript in ScienceAdvances**

**Dr. Bokai Zhu** and colleagues publish a manuscript in ScienceAdvances, entitled, "Four-dimensional nuclear speckle phase separation dynamics regulate proteostasis." PLRC member, **Dr. Silvia Liu**, also contributed to this manuscript.

**Click here to read the article**

Dion W, Ballance H, Lee J, Pan Y, Irfan S, Edwards C, Sun M, Zhang J, Zhang X, Liu S, Zhu B. Four-dimensional nuclear speckle phase separation dynamics regulate proteostasis. *Sci Adv*. 2022 Jan 7;8(1):eabl4150. doi: 10.1126/sciadv.abl4150. Epub 2022 Jan 5. PMID: 34985945; PMCID: PMC8730402.

---

### **Dr. Rannar Airik and colleagues publish manuscript in The FASEB Journal**

**Dr. Rannar Airik** and colleagues publish a research article in the FASEB Journal, entitled, "Mitigation of portal fibrosis and cholestatic liver disease in ANKS6-deficient livers by macrophage depletion." PLRC members, **Dr. Paul Monga** and **Dr. Kari Nejak-Bowen**, also contributed to this manuscript.

**Click here to read the full article**

Airik M, McCourt B, Ozturk TT, Huynh AB, Zhang X, Tometich JT, Topaloglu R, Ozen H, Orhan D, Nejak-Bowen K, Monga SP, Hand TW, Ozaltin F, Airik R. Mitigation of portal fibrosis and cholestatic liver disease in ANKS6-deficient livers by macrophage depletion. FASEB J. 2022 Feb;36(2):e22157. doi: 10.1096/fj.202101387R. PMID: 35032404.

---

### **Dr. Gavin Arteel contributes to review article in Zeitschrift für Gastroenterologie**

**Dr. Gavin Arteel** contributes to an article published in Zeitschrift für Gastroenterologie, entitled, "Liver specific, systemic and genetic contributors to alcohol-related liver disease progression."

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

Schnabl B, Arteel GE, Stickel F, Hengstler J, Vartak N, Ghallab A, Dooley S, Li Y, Schwabe RF. Liver specific, systemic and genetic contributors to alcohol-related liver disease progression. Z Gastroenterol. 2022 Jan;60(1):36-44. English. doi: 10.1055/a-1714-9330. Epub 2022 Jan 18. PMID: 35042252.

---

### **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](#)**

---

## **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>**

---

## **FUNDING OPPORTUNITIES**

**Judith Graham Pool (JGP) Postdoctoral Research Fellowship**

National Hemophilia Foundation (NHF)

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

Or click below:

- [January 21](#)
- [January 14](#)

[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)

---



*Copyright © 2019 Pittsburgh Liver Research Center, All rights reserved.*

**Our mailing address is:**

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