

# LIVER DIGEST

A weekly update of PLRC happenings

January 27, 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.

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**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>

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### **Dr. Jerry Vockley named 2021 American Association for the Advancement Science Fellow**

PLRC member, **Dr. Jerry Vockley** came to UPMC Children's Hospital of Pittsburgh in 2004 to lead the Division of Medical Genetics, now the Division of Genetics and Genomic Medicine. He also is a professor of pediatrics at the University of Pittsburgh School of Medicine, the Cleveland Family Endowed Professor in Pediatric Research in the med school, a professor of human genetics at the Graduate School of Public Health and a Member of the Pittsburgh Liver Research Center. Dr. Vockley directs an active research program on inherited disorders of energy and protein metabolism, focused on both understanding the genetic causes of these disorders and developing new treatments for them. His research has earned National Institutes of Health support continuously since the early 1990s. The diseases Vockley treats are all related to defective enzymes, special proteins in the body that carry out chemical reactions. We congratulate Dr. Vockley on this highly deserved recognition and honor.

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### **Dr. Melanie Scott and colleagues publish manuscript in Cellular and Molecular Gastroenterology and Hepatology**

**Dr. Melanie Scott** and colleagues publish a manuscript in Cellular and Molecular Gastroenterology and Hepatology, entitled, "Hepatocytes Are Resistant to Cell Death From Canonical and Non-Canonical Inflammasome-Activated Pyroptosis." PLRC member, **Dr. Timothy Billiar**, also contributed to this manuscript.

**Click here to read the article**

Sun P, Zhong J, Liao H, Loughran P, Mulla J, Fu G, Tang D, Fan J, Billiar TR, Gao W, Scott MJ. Hepatocytes Are Resistant to Cell Death From Canonical and Non-Canonical Inflammasome-Activated Pyroptosis. Cell Mol Gastroenterol Hepatol. 2021 Dec 7;13(3):739-757. doi: 10.1016/j.jcmgh.2021.11.009. Epub ahead of print. PMID: 34890842.

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### **Dr. Samer Tohme and colleagues publish manuscript in Frontiers in Immunology**

**Dr. Samer Tohme** and colleagues published a manuscript in Frontiers in Immunology, entitled, "Neutrophil Extracellular Traps Promote T Cell Exhaustion in the Tumor Microenvironment." PLRC member, **Dr. David Geller**, and member and PF recipient, **Dr. Hamza Yazdani** also contributed to this manuscript.

**Click here to read the full article**

Kaltenmeier C, Yazdani HO, Morder K, Geller DA, Simmons RL, Tohme S. Neutrophil Extracellular Traps Promote T Cell Exhaustion in the Tumor Microenvironment. Front Immunol. 2021 Nov 24;12:785222. doi: 10.3389/fimmu.2021.785222. PMID: 34899751; PMCID: PMC8652262.

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## Dr. Paul Monga and colleagues publish review article in Seminars in Liver Disease

**Dr. Paul Monga** and colleagues publish a review article in Seminars in Liver Disease, entitled, "Role of YAP1 Signaling in Biliary Development, Repair, and Disease." PLRC member, **Dr. Kari Nejak-Bowen**, also contributed to this article.

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

Molina L, Nejak-Bowen K, Monga SP. Role of YAP1 Signaling in Biliary Development, Repair, and Disease. Semin Liver Dis. 2022 Jan 24. doi: 10.1055/s-0041-1742277. Epub ahead of print. PMID: 35073587.

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## 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](#)**

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## 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>

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## FUNDING OPPORTUNITIES

### Clinical visiting fellowship

United European Gastroenterology Federation (UEGF)

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

Or click below:

- [January 28](#)
- [January 21](#)

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

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1P30DK120531-01 to Pittsburgh Liver Research Center (PLRC)***

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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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