

LIVER DIGEST

A weekly update of PLRC happenings

January 6, 2021



www.livercenter.pitt.edu

*Please acknowledge support from the PLRC (NIH/NIDDK
P30DK120531) in your publications and presentations. ([Click for a
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Happy New Year!



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) if you have specific questions or suggestions.

In this issue

- [PLRC Virtual Seminar](#)

- Virtual External Advisory Board visit
- Faculty Highlights
 - Dr. Wen Xie and colleagues publish manuscript in Gastroenterology
 - Dr. Wen Xie and colleagues publish manuscript in Hepatology Communications
 - Dr. Kari Nejak-Bowen and colleagues publish a review article in The American Journal of Pathology
- Training Opportunities
 - Next Generation Sequencing Workshops
- Funding Opportunities

Next PLRC Virtual Seminar

Our next seminar will be held on **Tuesday, January 18 at 12:00 pm via Zoom only. You can follow this link to join the Zoom Meeting.** Dr. Jessica Zucman-Rossi, Professor of Medicine in Oncology at the University Paris Descartes in Paris, France, will be presenting a talk, entitled, “Various mechanisms of liver carcinogenesis across lifetime.”
Zoom: <https://pitt.zoom.us/j/94996033342>

Virtual External Advisory Board visit

Dear PLRC Members, please join us on Tuesday 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. An agenda and zoom link will be posted on the PLRC website shortly.

Dr. Wen Xie and colleagues publish manuscript in Gastroenterology

Dr. Wen Xie publishes a manuscript in Gastroenterology, entitled, "Inhibition of P53 sulfoconjugation prevents oxidative hepatotoxicity and acute liver failure." PLRC members contributing to this article: **Dr. Xiaochao Ma**, **Dr. Paul Monga**, **Dr. Aatur Singhi**. Dr. Pengfei Xu also contributed to this manuscript.

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Xu P, Xi Y, Wang P, Luka Z, Xu M, Tung HC, Wang J, Ren S, Feng D, Gao B, Singhi AD, Monga SP, York JD, Ma X, Huang Z, Xie W. Inhibition of p53 sulfoconjugation prevents oxidative hepatotoxicity and acute liver failure. Gastroenterology. 2021 Dec 23:S0016-5085(21)04118-4. doi: 10.1053/j.gastro.2021.12.260. Epub ahead of print. PMID: 34954226 .

Dr. Wen Xie and colleagues publish manuscript in Hepatology Communications

Dr. Wen Xie publishes a manuscript in Hepatology Communications, entitled, "Chronic Activation of LXRA Sensitizes Mice to Hepatocellular Carcinoma." PLRC members contributing to this article: **Dr. Xiaochao Ma**, **Dr. Paul Monga**, **Dr. Aaron Bell**. Dr. Pengfei Xu also contributed to this manuscript.

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Xie Y, Sun R, Gao L, Guan J, Wang J, Bell A, Zhu J, Zhang M, Xu M, Lu P, Cai X, Ren S, Xu P, Monga SP, Ma X, Yang D, Liu Y, Lu B, Xie W. Chronic Activation of LXR α Sensitizes Mice to Hepatocellular Carcinoma. *Hepatol Commun*. 2022 Jan 3. doi: 10.1002/hep4.1880. Epub ahead of print. PMID: 34981658.

Dr. Kari Nejak-Bowen and colleagues publish a review article in The American Journal of Pathology

[Dr. Kari Nejak-Bowen](#) publishes a review article in The American Journal of Pathology, entitled, "Role and Regulation of Wnt/ β -Catenin in Hepatic Perivenous Zonation and Physiological Homeostasis." PLRC member, [Dr. Paul Monga](#) also contributed to this review.

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Goel C, Monga SP, Nejak-Bowen K. Role and Regulation of Wnt/ β -Catenin in Hepatic Perivenous Zonation and Physiological Homeostasis. *Am J Pathol*. 2022 Jan;192(1):4-17. doi: 10.1016/j.ajpath.2021.09.007. PMID: 34924168.

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

[Gilead Research Scholars - Liver Disease Program](#)

[Gilead Sciences, Inc. | Gilead Sciences Pty Ltd](#)

To see all NIH Grants sorted by week, please visit: [NIH Guide: 2021](#)

Or click below:

- [January 7](#)

[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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