

LIVER DIGEST

A weekly update of PLRC happenings

April 1, 2021



**PITTSBURGH LIVER
RESEARCH CENTER**

A partnership of University of Pittsburgh & UPMC

www.livercenter.pitt.edu

*Please acknowledge support from the PLRC (NIH/NIDDK
P30DK120531) in your publications and presentations.*

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The Next PLRC Virtual Seminar will be Tuesday, April 6 at 12:00pm

The next PLRC Virtual Seminar will be held on **Tuesday, April 6 at 12:00 pm via Zoom**. **Dr. Cynthia Ju**, Vice Chair for Research in the Department of Anesthesiology and the Joseph C. Gabel, M.D. Endowed Chair in Anesthesiology at the McGovern Medical School of the University of Texas at Houston, will be presenting with a talk entitled, "**Protective Role of Eosinophils in Hepatic Ischemia-Reperfusion Injury.**"

[Click here for Zoom Meeting ID](#)

This seminar has been approved for *AMA PRA Category 1 Credit(s)*™

Biliseq identifies ERBB2 amplification - video by American Cancer Society

Dr. Aatur Singhi, co-director of the Clinical Biospecimen Repository and Processing Core of The Pittsburgh Liver Research Center used Next Generation Sequencing (NGS) of Biliary Specimens (BiliSeq) to identify an ERBB2 amplification in Patrick O'Brien, a father and husband, and cholangiocarcinoma patient. He lived another four years before passing away last month. Cathy O'Brien has been a big supporter of BiliSeq for the last few years and discusses the impact cancer was having on her husband, Patrick, and the support of the American Cancer Society.

[Click here for the Video](#)

Dr. David Geller publishes manuscript in British Journal of Cancer

Dr. David Geller published an article titled, "Interferon regulatory factor 1 (IRF-1) downregulates Checkpoint kinase 1 (CHK1) through miR-195 to upregulate apoptosis and PD-L1 expression in Hepatocellular carcinoma (HCC) cells."

Yan Y, Zheng L, Du Q, Cui X, Dong K, Guo Y, Geller DA.

[Click here for the full article.](#)

New Slide Scanner Available for Use - ACTIC

The slide scanner is available beginning March 1, 2021 for use for one month's time. All Liver Center Members are invited to participate and use the services it offers. For more

information on the slide scanner, [click here](#). The device is currently at CBI's room S207. If you have any questions, please reach out to [Dr. Donna Stolz](#), Director of Advanced Cell and Tissue Imaging Core (Donna.Stolz@pitt.edu) and copy Dr. Simon Watkins, Director Center for Biologic Imaging (Simon.Watkins@pitt.edu).

Drug-Induced Liver Injury Meeting (Co-sponsored by AASLD & FDA)

Held virtually **April 20-22, 2021**. The website below contains links for attendee **Registration** and an **Agenda** of planned sessions, speakers and panel discussions, as well as information for the submission of poster abstracts by attendees.

[Click here for more information.](#)

Topics covered:

- Latest developments in the field of hepatotoxicity
 - Innovative tools for diagnosis and assessment
 - Liver injury in patients with cancer or underlying liver disease
 - Drug induced liver injury during the COVID Pandemic.
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Post-Doc Position Available - Dr. Duncan Lab

A postdoctoral research position is available in the laboratory of Dr. Andrew Duncan in the Department of Pathology and McGowan Institute for Regenerative Medicine at the University of Pittsburgh. We are looking for a highly motivated individual to participate in an NIH-funded project related to liver pathobiology. Polyploidy is a defining feature of the liver where polyploid hepatocytes represent half of hepatocytes in humans and as many as 90% in mice. Although polyploid hepatocytes have been recognized for over 100 years, the functional role

of these cells is poorly understood. Ongoing projects explore (a) how diploid and polyploid hepatocytes respond to acute injury; (b) the role of cell polarity in regulation of mitotic fidelity; and (c) mechanisms of liver adaptation to chronic injury .

[Click here for more information](#)

Update Information

*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](#)**. Contact AJ Singh (singha16@upmd.edu) if you have specific questions or suggestions.*

FUNDING OPPORTUNITIES

To see all NIH Grants sorted by week, please visit: NIH Guide: 2021

For Weeks Ending:

- **[April 2](#)**
- **[March 26](#)**

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

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