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LIVER DIGEST

A bi-weekly update of PLRC happenings

October 14th, 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 Faculty Highlights
 - Dr Ramakrishnan obtains R01 funding.
 - Dr. Alex Soto authors a review in Seminars in Liver Disease.
 - Dr. Andrew Duncan publishes in Journal of Pathology.
 - Dr. Bokai Zhu authors a review in Physiology.
 - PLRC Seminars
 - Oct 25th @ noon. Silvia Vilarinho, MD, PhD
 - Harvard Digestive Disease Special Seminar 10/17 via Zoom
 - Announcements
 - PLRC Annual Retreat
 - AASLD Meeting Registration OPEN
 - PLRC Reception at AASLD Meeting
 - San Antonio Liver Cancer Symposium
 - Community Liver Alliance: Liver Cancer Conference (virtual)
 - Call for Papers: Tissue Fibrosis and Repair special collection by Scientific Reports
 - Funding Opportunities
-

R01/NIH NIDDK
ROLE OF HYPOXIA-INDUCIBLE FACTOR-2A
IN L-CELL NUTRIENT SENSING AND
METABOLIC HOMEOSTASIS

Congratulations

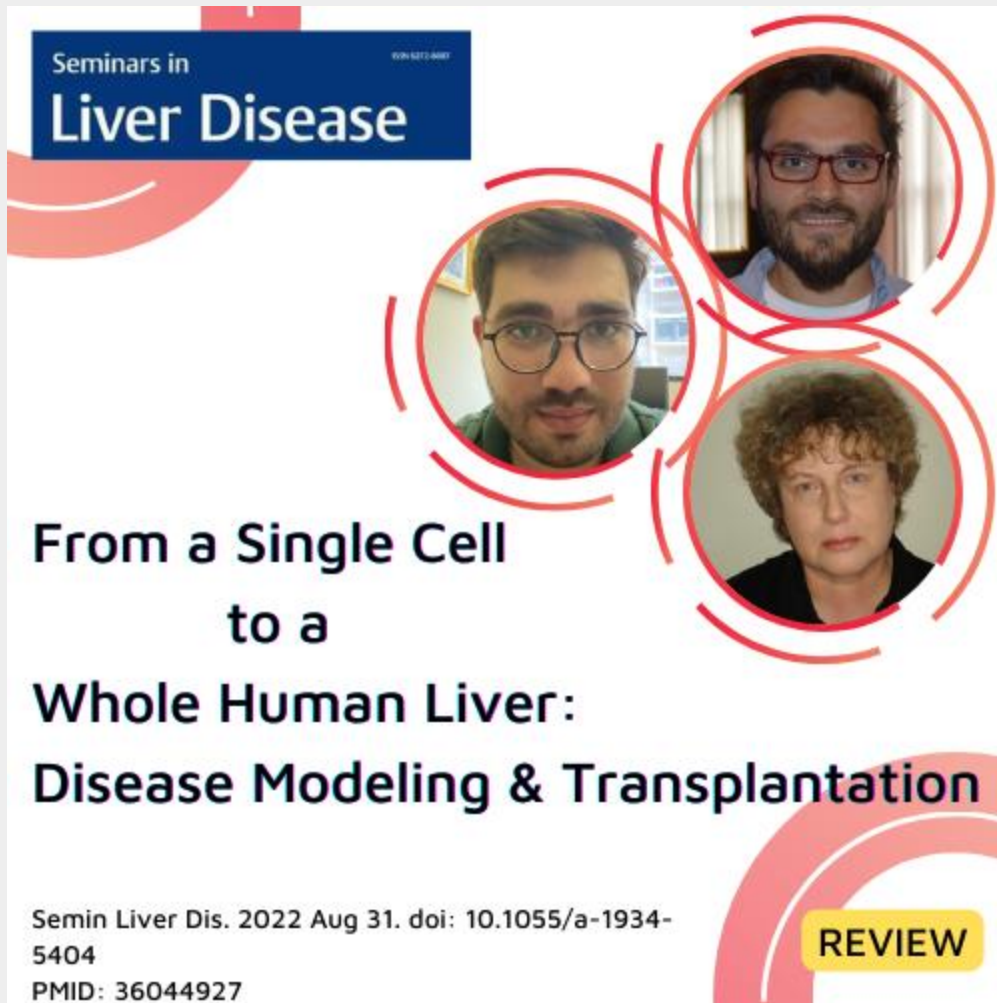


July 2022



Sadeesh Ramakrishnan, PhD

PLRC Member **Dr. Sadeesh Ramakrishnan**, Assistant Professor in the Department of Medicine, obtained R01 funding from the NIH-NIDDK for his grant entitled, “**Role of Hypoxia-inducible factor-2a in L-cell nutrient sensing and metabolic homeostasis.**”



Alex Soto-Gutierrez, Associate Professor in the department of Pathology and and co-director of the Human Synthetic Liver Biology Core (HSLBC) of the PLRC along with **Alina Ostrowska**, **Rodrigo Machado-Florentino** and others published a review article in Seminars in Liver Disease entitled, “**From a Single Cell to a Whole Human Liver: Disease Modeling and Transplantation**”. PMID: 36044927 DOI: 10.1055/a-1934-5404

The American Journal of Pathology

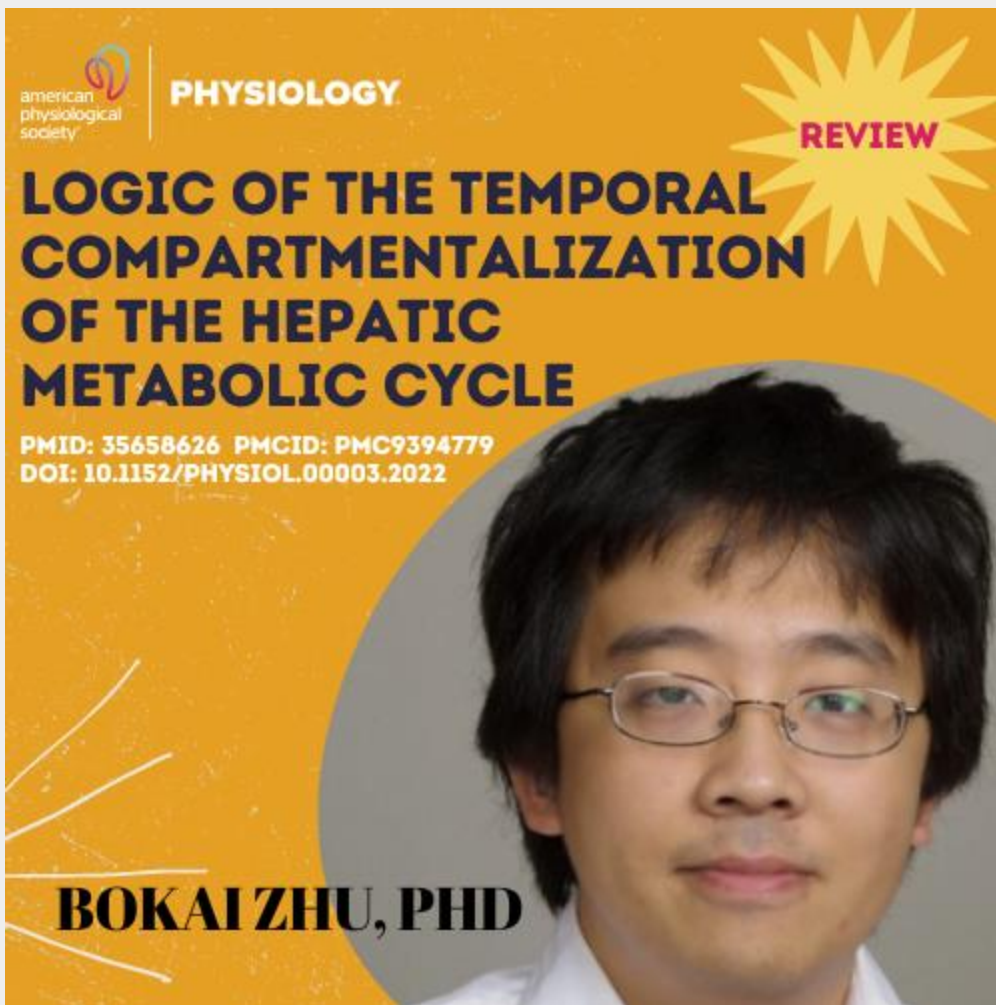
Dysregulation of Lipid and Glucose Homeostasis in Hepatocyte-Specific SLC25A34 Knockout Mice



Andrew Duncan

AM J PATHOL. 2022 SEP;192(9):1259-1281. DOI: 10.1016/J.AJP.2022.06.002. PMID: 35718058; PMCID:

Andrew Duncan, Associate Professor in the Pathology department and member of the McGowan Institute for Regenerative Medicine, along with PLRC members **Evan Delgado**, **Bharat Bhushan**, **Joseph Locker**, **Michael Jurczak** and others publish an article in the American Journal of Pathology entitled, **“Dysregulation of Lipid and Glucose Homeostasis in Hepatocyte-Specific SLC25A34 Knockout Mice”**.



Dr. Bokai Zhu, Assistant Professor in the Department of Medicine authored a review article in the journal *Physiology* entitled,

“Logic of the Temporal Compartmentalization of the Hepatic Metabolic Cycle.”

doi: 10.1152/physiol.00003.2022. Epub 2022 Jun 6. PMID: 35658626; PMCID: PMC9394779.

PLRC Seminar Series:
**“ Genomics as a roadmap to understand
and treat liver disease”**

Dr. Silvia Vilarinho

S120 BST & via Zoom

Oct 25th: 12:00pm – 1:00pm



Silvia Vilarinho, MD, PhD

Assistant Professor of Medicine and Pathology

Associate Director, Yale MD-PhD Program

Yale School of Medicine

Yale University

New Haven, Connecticut

**HARVARD DIGESTIVE DISEASES
CENTER (HDDC)**

SPECIAL SEMINAR

"Bugs, Drugs, and Guts"

Aadra P. Bhatt, PhD.

Assistant professor, Dept. of Medicine, Division of
Gastroenterology and Hepatology, School of Medicine

University of North Carolina at Chapel Hill

Monday, October 17, 2022

3:00 - 4:00 PM(EST)

Zoom Information:

Meeting ID: 963 3848 3515

Password: 851055

Host: Wayne Lencer, MD

**2022 PLRC Annual Retreat
2:00-8:00pm
Tuesday, October 18
Ballroom A at the University Club.**

RETREAT PROGRAM:

- **1:30 PM:** Onsite badge pick up and registration
- **2:00-3:00 pm-** 2022 Pilot & Feasibility grant awardees presentations (Moderator, Gavin Arteel, Director P&F program)
- **3:00-4:00 pm-** Presentations from the Microbiome, Drug Discovery, AI, & Aging institutes about collaborations and opportunities for PLRC (Moderator, Paul Monga)
- **4:00-5:00 pm-** Keynote Presentation by Dr. Gyongyi Szabo, the Mitchell T. Rabkin, M.D. Chair, Professor of Medicine, Faculty Dean for Academic Affairs, & Chief Academic Officer, Beth Israel Deaconess Medical Center, Boston, MA (Moderator, Kari Nejak-Bowen)
- **5:00-7:00 pm-** Drinks and hors d'oeuvres
- **5:15-6:45 pm-** Abstract-driven flash presentations & Discussion
- **7:00-8:00 pm-** Dinner
- **7:30-8:00 pm-** PLRC Open-Forum (Opportunities-missed and new) (Moderator, Paul Monga)



Registration is now open for "THE LIVER MEETING! " held in Washington D.C. [For more info and to register click HERE.](#)

AASLD Nov. 4-8, 2022
The Liver Meeting®



**PLRC Reception at the annual
AASLD Meeting in Washington DC**

Saturday Nov. 5th 7:30-10:00PM

**@ Penn Quarter Room in Grand Hyatt Hotel,
Washington DC; 100 H Street**

**[Attendees Please Register and RSVP by Friday October 28
using this link](#)**



**SAN ANTONIO
LIVER CANCER SYMPOSIUM**

The Westin Riverwalk | San Antonio, Texas

OCTOBER 15-16, 2022

This 2-day powerful “symposium” with focused stimulating talks and interactive panels, with the aim to foster and advance collaborations in the field of liver cancer. This symposium will cover topics in epidemiology, pre-clinical, translational and clinical advances in liver cancer, including survivorship and pediatrics.

Website & More info

Liver Cancer Conference



The Community Liver Alliance in collaboration with the University of Pittsburgh Medical Center: **Pittsburgh Liver Research Center** and the Allegheny Health Network: Cancer Center will host the **4th Annual Liver Cancer Conference.**

Local and national experts will present up to date information in a one-day program with general sessions and case presentations.

This virtual conference will be held on Saturday, October 29, 2022
9:45 am – 3:00 pm EST.

Registration required and available at [this link.](#)

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

Bridge Award

National Hemophilia Foundation (NHF)

new Junior Faculty Development Grants

[American College of Gastroenterology \(ACG\)](#)

[Targeting senescence in chronic liver disease](#)

[opnMe](#) (Boehringer-Ingelheim-collaboration)

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:

- [Oct 7](#)
- [Sept 30](#)
- [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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