

Annual Update in
Medical Hepatology



A CME event presented by the
UPMC Center for Liver Diseases.

UPMC
UNIVERSITY PITTSBURGH MEDICAL CENTER

COURSE HANDOUT

Page 3	Introduction
Page 5 & 6	Schedule for the Day
Page 7-8	Course Director and Course Faculty
Page 9	Course Faculty Disclosures
Page 10	Accreditation Information
Page 11	How to Obtain Credits
Page 13	Educational Grants and Exhibitors

INTRODUCTION

The primary purpose of the 5th annual **2024 UPMC Annual Update in Medical Hepatology** is to *bring physicians, researchers, and hepatology associates together to advance our understanding of the origin and progression of liver diseases and to provide optimal treatments to patients as soon as possible*. This course is led by academic physicians who are committed to broad collaboration to support patients who need answers.

We are delighted to welcome **Samer Gawrieh, MD** from the University of Indiana, **Gideon Hirschfield, MB BChir, PhD, MRCP** from the University of Toronto and **Tinsay Woreta, MD, MPH** from Johns Hopkins Medicine as today's guest speakers. We look forward to lively debates and interactions from all course attendees throughout the day, particularly during case discussions and during the lunch breakout meetings.

We also invite you to meet new UPMC Center for Liver Diseases faculty leaders **Scott Biggins, MD** and **Kiran Bambha, MD**, who will joined UPMC in January. Dr. Biggins will serve as the UPMC's Chief of Hepatology.

This 2024 UPMC Annual Update in Medical Hepatology conference is indebted to its industry partners. **Please Visit our Exhibitors** in the Gold Room (same floor as plenary sessions) throughout the conference.

Thank you for attending.

In good health,

Jaideep Behari, MD, PhD

Associate Professor of Medicine
Director, FLOW (Fatty Liver, Obesity & Wellness) Clinic
Course Co-Director, 2024 UPMC Annual Update in Medical Hepatology

Shahid Malik, MD

Clinical Associate Professor of Medicine
Program Director, Advanced Fellowship in Transplant Hepatology
Course Co-Director, 2024 UPMC Annual Update in Medical Hepatology

Amy Schmotzer, RN, BSN

Clinical Research Coordinator
Course Planning Committee, 2024 UPMC Annual Update in Medical Hepatology

Division of Gastroenterology, Hepatology and Nutrition
UPMC Center for Liver Diseases
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UPMC 2024 Annual Update in Medical Hepatology Agenda

Saturday, Feb. 3, 2024 • University Club, Pittsburgh, Pa.

7:15 - 7:50 a.m.	Registration, Breakfast, and Exhibitors	9:40 - 11:20 a.m.	SESSION 2: Steatotic and Viral Liver Disease Moderator: <i>Jaideep Behari, MD, PhD</i>
7:50 - 8 a.m.	WELCOME AND OPENING REMARKS <i>Jaideep Behari, MD, PhD (Course Director)</i>	9:40 a.m.	Case #2 Introduction: <i>Phoebe Lin, MD</i>
8 - 9:25 a.m.	SESSION 1: Autoimmune Liver Diseases Moderator: <i>Obaid S. Shaikh, MD</i>	9:45 a.m.	Update on Evaluation and Management of Alcohol-associated Liver Disease <i>Samer Gawrieh, MD</i>
8 a.m.	Case #1 Introduction: <i>Stela Celaj, MD, PhD</i>	10:15 a.m.	Update on Metabolic Dysfunction Associated Steatotic Liver Disease <i>Tinsay Woreta, MD, MPH</i>
8:05 a.m.	Update on Primary Sclerosing Cholangitis <i>Gideon Hirschfield, MA, MB Chir, PhD, FRCP</i>	10:45 a.m.	Management Dilemmas in Hepatitis B and C Infections <i>Kapil Chopra, MD</i>
8:35 a.m.	Update on PBC and Overlap Syndromes <i>Naudia L. Jonassaint, MD, MHS, MBA</i>	11:05 a.m.	Panel Q&A and Case Discussion
8:55 a.m.	Gut Microbiome and Autoimmune Liver Diseases: Basic Science Advances <i>Marlies Meisel, PhD</i>	11:20 a.m.	Lunch Pick Up and Visit Exhibitors (*Virtual Participant' Break = 11:20 a.m. - 12:50 p.m.)
9:10 a.m.	Panel Q&A and Case Discussion		
9:25 - 9:40 a.m.	Break and Visit Exhibitors		

Continued >

UPMC 2024 Annual Update in Medical Hepatology Agenda

11:40 p.m.	<p>BREAKOUT #1: Helping Patients Overcome Barriers to Liver Transplantation: Case-based Panel Discussion <i>Ballroom B</i> Moderators: <i>Kevin Abercrombie, CRNP and Joy McGough, RN</i> Panelists: <i>Scott Biggins, MD, MAS, and Gideon Hirschfield, MA, MB Chir, PhD, FRCP</i></p>	1:15 p.m.	<p>Advances in the Management of Hepatorenal Syndrome <i>Alex Myint, MD</i></p>
	<p>BREAKOUT #2: Lifestyle Modification for the Management of Liver Disease: Case-based Panel Discussion <i>Conference Room A</i> Moderators: <i>Sara Parr, RD and Kristen Radage, LCSW</i> Panelists: <i>Samer Gawrieh, MD and Tinsay Woreta, MD, MPH</i></p>	1:30 p.m.	<p>Managing Quality of Life in Patients with Advanced Cirrhosis <i>Shari S. Rogal, MD, MPH</i></p>
12:40 p.m.	<p>Break and Visit Exhibitors</p>	1:45 p.m.	<p>Panel Q&A and Case Discussion</p>
12:50 - 2 p.m.	<p>SESSION 3: Cirrhosis and Its Complications Moderator: <i>Naudia L. Jonassaint, MD, MHS, MBA</i></p>	2 - 2:45 p.m.	<p>SESSION 4: Liver Transplantation Moderator: <i>Shahid Malik, MD</i></p>
	<p>12:50 p.m. Case #3 Introduction: <i>Linda Wang, MD</i></p>	2 p.m.	<p>Case #4 Introduction: <i>Pranav Penninti, DO</i></p>
	<p>12:55 p.m. Management of the Difficult Variceal Hemorrhage <i>Shahid M. Malik, MD</i></p>	2:05 p.m.	<p>Advances in Deceased Donor Liver Transplantation <i>Scott Biggins, MD, MAS</i></p>
		2:25 p.m.	<p>Innovations in Live Donor Liver Transplantation <i>Kiran Bambha, MD, MSc</i></p>
		2:45 p.m.	<p>Panel Q&A and Case Discussion</p>
		3 p.m.	<p>Adjourn</p>

COURSE FACULTY

With the Division of Gastroenterology, Hepatology and Nutrition and the UPMC Center for Liver Diseases at the University of Pittsburgh / UPMC, unless noted otherwise.

Course Planning Committee and Internal Course Faculty:

Jaideep Behari, MD, PhD

Associate Professor of Medicine
Director, FLOW (Fatty Liver, Obesity and Wellness) Clinic
Course Director, 2024 UPMC Annual Update in Medical Hepatology

Shahid Malik, MD

Clinical Associate Professor of Medicine
Program Director, Advanced Fellowship in Transplant Hepatology
Course Co-Director, 2024 UPMC Annual Update in Medical Hepatology

Amy Roundtree Schmotzer, RN, BSN

Lead Clinical Research Coordinator
Course Planning Committee, 2024 UPMC Annual Update in Medical Hepatology

Guest Course Faculty:

Samer Gawrieh, MD

Professor of Clinical Medicine
Director, Hepatology Research Fellowship Program
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Indiana University School of Medicine
Indianapolis, IN

Gideon M. Hirschfield, MB BChir, PhD, MRCP

Lily and Terry Horner Chair in Autoimmune Liver Disease Research
Staff Hepatologist
Toronto Centre for Liver Disease
University of Toronto Medicine
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Tinsay A. Woreta, MD, MPH

Assistant Professor of Medicine
Program Director, Gastroenterology and Transplant Hepatology Fellowships
Johns Hopkins Medicine
Baltimore, MD

COURSE FACULTY

With the Division of Gastroenterology, Hepatology and Nutrition and the UPMC Center for Liver Diseases at the University of Pittsburgh / UPMC, unless noted otherwise.

Internal Course Faculty:

Kevin Abercrombie, CRNP

Advanced Practice Provider

Kiran Bambha, MD, MSc

Professor of Medicine
Medical Director, Hepatology
Director, Liver Transplant Quality and Innovations

Scott Biggins, MD, MAS

Professor of Medicine
Chief of Hepatology, UPMC Center for Liver Diseases
Director of Liver Care, UPMC Health System

Stela Celaj, MD, PhD

Advanced Transplant Hepatology Fellow, Year III

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Professor of Medicine
Vice Chair of Medicine, UPMC Mercy

Naudia L. Jonassaint, MD, MHS, MBA

Associate Professor of Medicine
Interim Chief, Division of Gastroenterology, Hepatology
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Phoebe Lin, MD

Gastroenterology and Hepatology Fellow, Year II

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Outpatient Nurse Coordinator

Marlies Meisel, PhD

Assistant Professor of Immunology
Department of Immunology

Alex H. Myint, MD

Clinical Assistant Professor of Medicine
Hepatologist, VA Pittsburgh Healthcare System

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Chief Gastroenterology and Hepatology Fellow, Year III

Sara A. Parr, RD

Dietitian, FLOW Clinic (Fatty Liver, Obesity & Wellness)

Pranav Penninti, DO

Advanced Transplant Hepatology Fellow, Year IV

Kristen Radage, LCSW

Social Worker

Shari S. Rogal, MD, MPH

Associate Professor of Medicine and Surgery
Co-director, CTSI IMPACT and Implementation Lab Cores
Core Investigator, Center for Health Equity Research and
Promotion, VA Pittsburgh Healthcare System

Obaid S. Shaikh, MD

Professor of Medicine
Director, Transplantation Medicine, VA Pittsburgh
Healthcare System

Linda Wang, MD

Gastroenterology and Hepatology Fellow, Year II

COURSE FACULTY DISCLOSURES

All individuals in a position to control the content of this education activity have disclosed all financial relationships with any companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.

All of the relevant financial relationships for the individuals listed below have been mitigated:

- **Jaideep Behari, MD, PhD** receives grant/research support from Pfizer, Gilead, Endra, and AstraZeneca. He also participates in institutional research contracts with Pfizer, Intercept, Galectin, Exact Sciences, Genentech, Inventiva, Enanta, Galmed, Rhythm, and Celgene.
- **Samer Gawrieh, MD** receives grant/research support from Zydus, Viking, and Sonicincytes. He is also a consultant for Pfizer and Transmedics.
- **Gideon Hirschfield, MB BChir, PhD, MRCP** is a consultant with Intercept, Advanz, Ipsen, Cymabay, GSK, Pliant, Mirum, Kowa, and Escient.

No other members of the planning committee, speakers, presenters, authors, content reviewers and/or anyone else in a position to control the content of this education activity have relevant financial relationships with any companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.

ACCREDITATION INFORMATION

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Physician (CME)

The University of Pittsburgh designates this live activity for a maximum of 6.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing (CNE)

The maximum number of hours awarded for this Continuing Nursing Education activity is 6.25 contact hours. Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

Course Objectives

- Partner with other regional academic liver practitioners to educate the regional and national medical communities about liver disease advancements.
- Identify advancements in autoimmune liver diseases, such as Primary Sclerosing Cholangitis and the involvement of the gut microbiome, as well as explore cirrhosis and its complications.
- Examine treatment strategies and lifestyle modifications for steatotic and viral liver diseases.
- Address barriers to liver transplantation and living donor liver transplantation, leading to enhanced patient care.
- Foster the development of multidisciplinary, fluid and interactive models to treat liver diseases.

Target Audience

This course is designed for hepatologists, gastroenterologists, surgeons, oncologists, radiologists, basic and clinical researchers, and general physicians. Physicians and scientists interested in hepatology clinical service, clinical research, and career development are encouraged to attend. Advanced practice providers, clinical and research nurses, and related health care professionals interested in hepatology medicine are also invited to attend.

Disclaimer Statement

The information presented at this CME program represents the views and opinions of the individual presenters and does not constitute the opinion of endorsement of, or promotion by, the UPMC Center for Continuing Education in the Health Sciences, UPMC / University of Pittsburgh Medical Center Affiliates and University of Pittsburgh School of Medicine. Reasonable efforts have been taken intending for educational subject matter to be presented in a balanced, unbiased fashion and in compliance with regulatory requirements. However, each program attendee must always use his/her own personal and professional judgment when considering further application of this information, particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label uses.

How to Receive Continuing Education Credit

This activity is approved for the following credit: *AMA PRA Category 1 Credit™*, and ANCC. Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

Log in to the UPMC Center for Continuing Education in the Health Sciences (CCEHS) continuing education learning portal, <http://cce.upmc.com> and follow these steps:

- Go to **My Account, My Courses**
- Choose **Pending Activities**
- Click on the **Course Title** to:
 - Complete the **Course Evaluation**
 - **Claim Credit.**

*****If you are a NEW USER**, choose “Register” to create an account first. To remember: accreditation records are matched to users *by email address*.

- For **preregistered** attendees, this activity will be added to your Pending Activities and accessible on the day of the activity, February 3, 2024.
 - If you **registered on site or very recently**, your credit transcript will not be available until Wed. February 7, 2024.
 - You will have 30 days to complete the evaluation before the activity is closed. Upon completion, certificates will be available to download and stored for future reference in your Completed Activities bin.
-

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