



# Digging Deeper into Abnormal Liver Test Results



*This event is not a part of the official Internal Medicine Meeting 2025 Education Program.  
CME credit is provided by organizations other than ACP.*

**Wednesday, April 2, 2025**

**12:00 PM CT Doors open**

**12:15–1:15 PM CT Presentation**

Ernest N. Morial Convention Center

Room 293–296

**CME**  
OUTFITTERS 

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## Activity Description

Treatment for primary biliary cholangitis (PBC), a “common rare” chronic autoimmune disease of the intrahepatic bile ducts, is frequently hampered by missed or delayed diagnosis, as symptoms of PBC are often attributed to other conditions. This suboptimal recognition enables unchecked progression to end stage liver disease (ESLD), increasing patient mortality risk and negatively impacting quality of life. Clinical suspicion and investigation of key abnormal liver function tests represent a critical first step in optimized management. Similarly, identification of metabolic dysfunction-associated steatotic liver disease (MASLD) and its more severe form, metabolic dysfunction-associated steatohepatitis (MASH), requires practitioners to overcome clinical inertia and follow up on abnormal results from standard liver function tests to disrupt disease progression. Fortunately, recent FDA-approved agents and others in later stages of development are providing new and efficacious options for PBC and MASLD/MASH treatment. It is imperative that clinicians in collaboration with a multidisciplinary care team bridge diagnostic gaps and consider novel emerging therapies for patients with PBC and MASLD/MASH.

In this CME Outfitters live symposium, expert faculty will guide learners on identifying signs and symptoms of PBC, MASH, and MASLD, implementing evidence-based strategies for early and accurate diagnosis, implementing best practices for treatment, and applying multidisciplinary disease management to the care of patients.

## Faculty

**Kris V. Kowdley**  
MD, FACP, FACG, AGAF, FAASLD  
(Moderator)

**Carolyn E. Legaspi**  
NP

**Monica Tincopa**  
MD, MSc

## Target Audience

Internists, physician associates (PAs), and nurse practitioners (NPs)

## Financial Support

This program is supported by independent educational grants from Gilead Sciences, Inc. and Ipsen Biopharmaceuticals, Inc.

## Learning Objectives

At the conclusion of this activity, learners will be able to better:

- Identify signs and symptoms of PBC, MASH, and MASLD
- Implement team-based strategies for early and accurate diagnosis of PBC, MASLD, and MASH
- Assess new and emerging therapeutic pathways for PBC, MASLD, and MASH which impact treatment decision-making

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## Accreditation



JOINTLY ACCREDITED PROVIDER™  
INTERPROFESSIONAL CONTINUING EDUCATION

### Jointly Accredited Provider

In support of improving patient care, CME Outfitters, LLC, 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.



IPCE CREDIT™

### IPCE

This activity was planned by and for the healthcare team, and learners will receive 1.0 Interprofessional Continuing Education Credit for learning and change.

### Physicians (ACCME)

CME Outfitters, LLC, designates this live activity for a maximum of 1.0 *AMA PRA Category 1 Credit(s)*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Nurses (ANCC)

This activity is designated for 1.0 contact hours.

**California Residents:** Provider approved by the California Board of Registered Nursing, Provider # CEP 15510, for 1.0 Contact Hours.

### PAs (AAPA)

CME Outfitters, LLC, has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 1.0 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.



### RCP Canada

Through an agreement between the Accreditation Council for Continuing Medical Education and the Royal College of Physicians and Surgeons of Canada, medical practitioners participating in the Royal College MOC Program may record completion of accredited activities registered under the ACCME's "CME in Support of MOC" program in Section 3 of the Royal College's MOC Program.

### Certificate of Participation

This activity was certified for a maximum of 1.0 *AMA PRA Category 1 Credit(s)*™. This activity was planned by and for the healthcare team, and learners will receive 1.0 Interprofessional Continuing Education Credit for learning and change.



### MIPS

Completion of this accredited CME activity meets the expectations of an Accredited Safety or Quality Improvement Program (IA\_PSPA\_28) for the Merit-based Incentive Payment Program (MIPS). Clinicians should submit their improvement activities by attestation via the CMS Quality Payment Program website.



### ABIM MOC

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 1.0 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

# Digging Deeper into Abnormal Liver Test Results



## FACULTY



**Kris V. Kowdley**  
MD, FACP, FACG, AGAF,  
FAASLD (Moderator)

Professor

Elson S. Floyd College of Medicine  
Washington State University  
Spokane, WA

Director, Liver Institute Northwest

Medical Director and Senior  
Scientific Advisor

Velocity Clinical Research  
Seattle, WA

**Kris V. Kowdley, MD, FACP, FACG, AGAF, FAASLD**, is Director of Liver Institute Northwest and Professor at Elson S. Floyd College of Medicine at Washington State University in Pullman. He received his B.S. in biology and anthropology from Columbia University and his medical degree from Mount Sinai School of Medicine, both located in New York, New York. He completed his internship and residency at Oregon Health Science University in Portland and a fellowship in gastroenterology and hepatology at Tufts University School of Medicine in Boston, Massachusetts.

Dr. Kowdley is internationally recognized as a clinician, educator, and researcher in liver disease. He has led several major international clinical trials of new treatments for hepatitis C, primary biliary cholangitis, primary sclerosing cholangitis, and nonalcoholic steatohepatitis. Dr. Kowdley is the author of more than 1,000 articles, book chapters, reviews, abstracts and commentaries, and his scholarly work has been cited more than 70,000 times (h-index 123) according to Google Scholar. He is on the Web of Science list of “Highly Cited Researchers” (top 1% by citations for field) for 2019-2023.

## DISCLOSURES

Dr. Kowdley reports the following financial relationships:

Consultant: 89bio, Inc.; Arborned Pharmaceuticals; Boehringer Ingelheim; CymaBay Therapeutics Inc.; Genfit; Gilead Sciences, Inc.; GSK; HighTide Therapeutics, Inc.; Inipharma; Intercept Pharmaceuticals, Inc.; Ipsen Pharma; Madrigal Pharmaceuticals; Mirum; NGM Biopharmaceuticals; Novo Nordisk; Orphan; Pfizer Inc.; and Zydus Pharmaceuticals, Inc.

Grants: National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Research Support: 89bio, Inc.; Akeru Therapeutics, Inc.; AstraZeneca; Boston Pharmaceuticals; Boehringer Ingelheim; Corcept Therapeutics, Inc.; Gilead Sciences, Inc.; GSK; Hanmi Pharmaceutical; Intercept Pharmaceuticals, Inc.; Inventiva; Janssen Pharmaceuticals, Inc.; Madrigal Pharmaceuticals; Mirum; NGM Biopharmaceuticals; Novo Nordisk; Pfizer Inc.; Pliant Therapeutics, Inc.; Terns Pharmaceuticals, Inc.; Viking Therapeutics; and Zydus Pharmaceuticals, Inc.

Speakers Bureau: AbbVie Inc.; Gilead Sciences, Inc.; Intercept Pharmaceuticals, Inc.; and Ipsen Pharma

Other financial or material support: Royalties: UpToDate

# Digging Deeper into Abnormal Liver Test Results



FACULTY



**Carolyn E. Legaspi**  
NP

Hepatology  
Cedars Sinai Medical Center  
Los Angeles, CA

**Carolyn E. Legaspi, NP**, is a hepatology nurse practitioner at Cedars-Sinai Medical Center in Los Angeles, California. She specializes in the management of liver disease, including cirrhosis, viral hepatitis, liver-related autoimmune disorders, hepatocellular carcinoma, metabolic dysfunction-associated steatohepatitis (MASH), and liver transplant care. With extensive experience in hepatology and patient-centered care, Ms. Legaspi is dedicated to improving liver health through advanced treatment strategies, patient education, and multidisciplinary collaboration.

#### DISCLOSURES

Ms. Legaspi reports no financial relationships to disclose.

# Digging Deeper into Abnormal Liver Test Results



FACULTY



**Monica Tincopa**  
MD, MSc

Assistant Professor

Department of Medicine, Division  
of Gastroenterology & Hepatology

UCSD Health

San Diego, CA

**Monica Tincopa, MD, MSc**, is a transplant hepatologist and clinical researcher at the University of California San Diego. She received her medical degree from Johns Hopkins University in Baltimore, Maryland, where she also completed her residency. Dr. Tincopa completed her fellowship at the University of Michigan in Ann Arbor and obtained a master's degree in clinical research. She is board certified in obesity medicine. Her research interests include metabolic dysfunction-associated steatotic liver disease (MASLD), liver transplant, and health disparities.

#### DISCLOSURES

Dr. Tincopa reports the following financial relationships:

Consultant: AbbVie Inc. and Optum, Inc.

# Digging Deeper into Abnormal Liver Test Results



## Disclosure Declarations

It is the policy of CME Outfitters, LLC, to ensure independence, balance, objectivity, and scientific rigor and integrity in all of their CE activities. Faculty must disclose to the participants any relationships with commercial companies whose products or devices may be mentioned in faculty presentations, or with the commercial supporter of this CE activity. CME Outfitters, LLC, has evaluated, identified, and mitigated any potential conflicts of interest through a rigorous content validation procedure, use of evidence-based data/research, and a multidisciplinary peer review process. The following information is for participant information only. It is not assumed that these relationships will have a negative impact on the presentations.

### Peer Reviewers

**Rebecca Vargas-Jackson, MD**—no disclosures to report.

**Amanda K. Smith, PA-C**—no disclosures to report.

### Patient Planner

**Maria Morais, RN**—no disclosures to report.

### CME Staff/Planners

**Keshia Pitt, PhD**—no disclosures to report.

**Warren Beckman**—no disclosures to report.

**Scott J. Hershman, MD, FACEHP, CHCP**—no disclosures to report.

**Sandra Caballero, PharmD**—no disclosures to report.

**Sharon Tordoff**—no disclosures to report.

**Faculty of this CE activity** may include discussions of products or devices that are not currently labeled for use by the FDA. The faculty have been informed of their responsibility to disclose to the audience if they will be discussing off-label or investigational uses (any uses not approved by the FDA) of products or devices. All identified conflicts of interest have been mitigated.

Post-tests, credit request forms, and activity evaluations must be completed online (requires free account activation), and participants can print their certificate or statement of credit immediately (75% pass rate required). This website supports all browsers except Internet Explorer for Mac.

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## Instructions for Interactive Technology

Use one of the iPads provided at your table to answer polling questions, view onsite presentations, and submit questions to the faculty. Please see additional information below.

### ASK FACULTY A QUESTION

Select the Ask Question tab below the slide viewer to submit a question. If your question is for a specific faculty member, please include their name. Your question will be shared with the faculty for the question-and-answer portion of the session.

### VIEW AND TAKE NOTES ON PRESENTATION SLIDES

Select the Take Notes tab to take notes during the meeting. All of the notes you take during the meeting will be emailed to the address provided within 5 business days.

## Obtaining Credit

To receive CME/CE credit for this activity, scan the QR code to create an account.



## Downloadable Resources

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