



 Scripps

33<sup>RD</sup>  
A N N U A L

# New Treatments in Chronic Liver Disease

FRIDAY, MARCH 9 – SUNDAY, MARCH 11, 2018

*Pre-Conference: Friday, March 9, 2018*

*Main Conference: Saturday, March 10-11, 2018*

Estancia La Jolla • La Jolla, California

# Course Introduction

## Course Overview

This CME conference will review new medications and therapies that are now available, or will soon be available, and discuss their comparative values. The results of trials using new drugs to treat chronic viral hepatitis B and C, non-alcoholic fatty liver diseases, primary biliary cirrhosis, primary sclerosing cholangitis, hepatocellular carcinoma and complications of end-stage liver disease will be reviewed in detail. New Treatments in Chronic Liver Disease is a comprehensive yet concise program for updating physicians on these and other commonly encountered problems in the treatment of liver diseases.

There was a fundamental change in the treatment of chronic hepatitis C in late 2014 with the addition of multiple new direct-acting antiviral (DAAs) drugs to current standard of care for all genotypes. There will be two separate lectures devoted to this topic this year. The first will be on currently available all-oral therapies that have been approved and are currently in use. The second will be on the use of non-invasive markers of fibrosis to differentiate patients with advanced fibrosis as this is now the only important predictor of treatment choices. In addition, the pre-conference will extensively detail currently available treatment regimens with the goal of introducing the topic to new treaters.

The land importance of hepatitis E, in both acute and chronic forms, has become increasingly clear in the last year. For this reason, we have invited Rajender Reddy, MD Director of Hepatology and Medical Director of Liver Transplantation, Hospital of the University of Pennsylvania to speak on the topic as the William S. Haubrich Memorial Lecturer for 2018.

In hepatitis B, the treatments have not changed but there is more mature data available on long-term HBsAg loss and clinical outcomes. The addition of immune-mediated therapies for HBV with the goal of curing the disease has been included in this year's program. New therapies for NAFLD and NASH are in development and important new data showing positive results in NASH will be presented at this meeting. The explosive growth of NASH in the US has created a significant need for effective drug therapy. The diagnosis and management of incidental lesions identified on routine imaging will be a devoted topic this year at the request of many past attendees. This is now a common problem that most providers are facing. There will be an update on management of hepatic encephalopathy, hyponatremia and the management of complications in the transplant candidate.

## Accreditation

Scripps Health is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Scripps Health designates this live activity for a maximum of 13.5 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### Credit Breakdown:

Pre-Conference (Fri): 3.5  
Main Conference (Sat-Sun): 10

### American Academy of Physician Assistants (AAPA)

The American Academy of Physician Assistants (AAPA) accepts Category 1 credit from AMA PRA Category 1 CME organizations accredited by the ACCME.

### Board of Registered Nursing (BRN)

For the purpose of recertification, the American Nurses Credentialing Center accepts *AMA PRA Category 1 Credit(s)*<sup>™</sup> issued by organizations accredited by the ACCME. For the purpose of re-licensure, the California Board of Registered Nursing accepts *AMA PRA Category 1 Credit(s)*<sup>™</sup>. The majority of state boards accept *AMA PRA Category 1 Credit(s)*<sup>™</sup> as meeting continuing education requirements for license renewal. Nurses should check with their state's Board of Registered Nursing regarding use of CME credit.

### Commercial Support

This course is supported, in part, by educational grants from industry, in accordance with ACCME accreditation Standards for Commercial Support. Appropriate acknowledgement will be given to all supporters at the time of the educational activity.

## Educational Objectives

After attending this live activity, participants should be able to:

- Detail the AASLD guidelines for treatment of HCV using DAAs in IFN-free regimens.
- Review our current knowledge of NAFLD and non-alcoholic steatohepatitis and explore the use of new agents and approaches to treatment of the conditions.
- Integrate the algorithm for a therapeutic approach to treatment of HBV using anti-virals.
- Discuss diagnosis, management and treatment of acute and chronic hepatitis E infections.
- Update the skills and management required for transplant hepatology.
- Apply current options of therapy for hepatocellular carcinoma to determine the best approach for your patients.
- Describe the diagnosis and treatment of PBC and PSC.
- Integrate treatment options discussed for patients with ESLD due to alcohol who have complicating factors such as HCV, NASH or inherited genetic disorders.
- Discuss the issues complicating drug treatment in decompensated cirrhosis, hepatic encephalopathy and hyponatremia.
- Update the diagnosis and management of both autoimmune hepatitis (AIH) and drug-induced liver injury (DILI).



## Co-Course Directors

### **Paul J. Pockros, MD, FACG**

Director, Liver Disease Center  
Scripps Clinic  
Director of Clinical Research  
Scripps Translational Science Institute  
La Jolla, California

### **Catherine Frenette, MD, FAST, AGAF**

Medical Director of Liver Transplantation and  
Director of Center of Excellence for HCC  
Scripps Center for Cell and Organ Transplantation  
Scripps Clinic  
La Jolla, California

## Faculty

### **Christopher Bowlus, MD**

Professor and Chief  
Division of Gastroenterology and Hepatology  
University of California, Davis  
Sacramento, California

### **Kris V. Kowdley, MD, FACP, FACG, FASGE, AGAF, FAASLD**

Director, Liver Care Network and  
Organ Care Research  
Swedish Medical Center, Seattle, Washington  
Clinical Professor, College of Medicine  
Washington State University

### **Joseph Lim, MD**

Associate Professor of Medicine (Digestive Diseases)  
Director, Yale Viral Hepatitis Program  
New Haven, Connecticut

### **Bahar Madani, MD**

Division of Gastroenterology/Hepatology  
Scripps Clinic  
La Jolla, California

### **Rajender Reddy, MD**

Ruimy Family President's Distinguished Professor  
Director of Hepatology  
Hospital of the University of Pennsylvania  
Medical Director of Liver Transplantation  
Hospital of the University of Pennsylvania  
Philadelphia, Pennsylvania

### **Yuki Rosenkoetter, PA-C, MPAS**

Scripps Clinic  
La Jolla, California

### **Norman Sussman, MD**

Associate Professor, Liver Center  
Baylor College of Medicine  
Houston, Texas

### **John Vierling, MD, FACP**

Professor of Surgery  
Chief of Hepatology  
Director of Baylor Liver Health  
Baylor College of Medicine  
Houston, Texas

## Pre-Conference Overview

We will review the virology, genotypes, modes of infection of HCV and characteristics of the clinical illness caused by acute and chronic infections. Tests for HCV, including PCR assays and genotyping, interpretations and indications for liver biopsies and complications of cirrhosis will also be discussed. We will show how to initiate and monitor patients during treatment with multiple anti-viral oral regimens, how to manage side effects of therapy and deal with various patient populations including HIV-coinfected, CKD on hemodialysis and ESLD patients. Lastly, the AASLD/IDSA Guidelines will be reviewed.

## Pre-Conference

### Friday, March 9, 2018

- 12:30 p.m.** Registration
- 1 p.m.** Welcome & Introduction  
*Paul Pockros, MD*
- 1:10 p.m.** Update on HCV Diagnostics  
*Paul Pockros, MD*
- 1:40 p.m.** Update on Current Therapy with All-Oral Regimens  
*Paul Pockros, MD*
- 2:40 p.m.** Break & View Exhibits
- 3 p.m.** Cirrhosis and Post-Transplant  
*Catherine Frenette, MD*
- 4:20 p.m.** Case Presentation, Discussion and Q&A
- Selection of Treatment
  - Cirrhosis: Who to Treat
  - Special Populations  
*Yuki Rosenkoetter, PA-C, MPAS*
- 5 p.m.** Adjourn

## Disclosures

### Faculty Disclosure

In accordance with the ACCME Standards for Commercial Support, course directors, planning committees, faculty and all others in control of the educational content of the CME activity must disclose all relevant financial relationships with any commercial interest that they or their spouse/partner may have had within the past 12 months. If an individual refuses to disclose relevant financial relationships, they will be disqualified from being a part of the planning and implementation of this CME activity. Owners and/or employees of a commercial interest with business lines or products relating to the content of the CME activity will not be permitted to participate in the planning or execution of any accredited activity.

**A complete listing of disclosures associated with this program can be found on the conference website: [www.scripps.org/livercme](http://www.scripps.org/livercme) and in the mobile conference app: [www.grupio.com/Liver18](http://www.grupio.com/Liver18)**

# Agenda

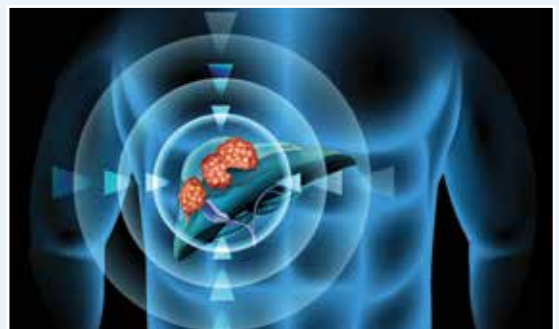
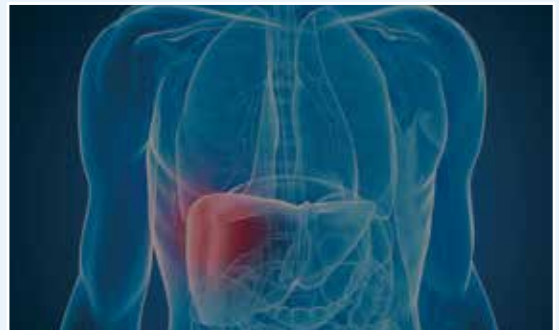
## Main Conference

### Saturday, March 10, 2018

- 7:30 a.m. Registration, Breakfast & View Exhibits
- 8 a.m. Welcome & Introduction  
*Paul Pockros, MD*
- CHRONIC VIRAL HEPATITIS**  
Moderator: *Paul Pockros, MD*
- 8:15 a.m. **WILLIAM S HAUBRICH MEMORIAL LECTURE**  
**What You Need to Know About Hepatitis E**  
*Rajender Reddy, MD*
- 9 a.m. **Update of Guidelines for Treatment of HCV**  
*Paul Pockros, MD*
- 9:45 a.m. **Use of Transient Elastography in Chronic Viral Hepatitis**  
*Joseph Lim, MD*
- 10:30 a.m. Break & View Exhibits
- 11 a.m. **HBV-Update and Guidelines**  
*Kris Kowdley, MD*
- DEBATE**  
**Should We Be Transplanting HCV-infected Organs into Uninfected Patients?**
- 11:45 a.m. **Yes**  
*Rajender Reddy, MD*
- 11:50 a.m. **No**  
*Joseph Lim, MD*
- Noon **Panel Discussion**  
*Joseph Lim, MD*  
*Rajender Reddy, MD*  
*Kris Kowdley, MD*
- 12:30 a.m. Lunch
- NASH, PBC, PSC AND ALD**  
Moderator: *Bahar Madani, MD*
- 1 p.m. **NAFLD / NASH**  
*Kris Kowdley, MD*
- 1:45 p.m. **PBC, PSC**  
*Christopher Bowlus, MD*
- 2:30 p.m. Break & View Exhibits
- 3 p.m. **AIH and DILI**  
*John Vierling, MD*
- DEBATE**  
**Should all Potential NASH Patients be Biospied?**
- 3:45 p.m. **Yes**  
*Kris Kowdley, MD*
- 3:50 p.m. **No**  
*Christopher Bowlus, MD*
- 4 p.m. **Panel Discussion**  
*Kris Kowdley, MD*  
*Christopher Bowlus, MD*  
*M, John Vierling, MD*
- 4:30 p.m. Adjourn

### Sunday, March 11, 2018

- 7:30 a.m. Breakfast & View Exhibits
- ESLD, TRANSPLANTATION, HCC**  
Moderator: *Catherine Frenette, MD*
- 8 a.m. **Hepatic Encephalopathy: What You Need to Know about Driving**  
*Norman Sussman, MD*
- 8:45 a.m. **Liver Transplantation: What has Changed in 2018**  
*Rajender Reddy, MD*
- 9:30 a.m. **Incidental Liver Lesions: When to Relax, When to Follow Up, and When to Panic**  
*Catherine Frenette, MD*
- 10:15 a.m. Break & View Exhibits
- DEBATE**  
**When Should We Call Palliative Care for the ESLD patient?**
- 10:30 a.m. **Frequently**  
*Rajender Reddy, MD*
- 10:45 a.m. **Never**  
*Norman Sussman, MD*
- 11 a.m. **Panel Discussion**  
*Catherine Frenette, MD*  
*Rajender Reddy, MD*  
*Norman Sussman, MD*
- 11:45 a.m. Adjournment



## Conference Fees & Registration

### Pre-Conference Fees

**Included:** Course tuition, access to conference materials (via mobile app and conference website) and internet in meeting space.

**Not Included:** Printed course syllabus, meals, travel costs, parking and lodging.

	Thru Feb 1	Feb 2 - Mar 5	On-site after Mar 5
	\$100	\$125	\$150

### Main Conference Fees

**Included:** Course tuition, access to conference materials (via mobile app and conference website), internet in meeting space, breakfasts, breaks and lunch.

**Not Included:** Printed course syllabus, travel costs, parking, lodging and dinners.

**Please note: there are no day rates available for this conference.**

	Thru Feb 1	Feb 2 - Mar 5	On-site after Mar 5
Physicians	\$350	\$375	\$400
Non-Physician	\$300	\$325	\$350
Fellows and Residents	\$175	\$200	\$225



### Register

Online: [www.scripps.org/livercme](http://www.scripps.org/livercme)

### Attendance Policies

#### Attendee Cancellation, Substitution, Refund

The course tuition is refundable, minus a \$100 processing fee for the main conference (\$40 for Fellows and Residents) and \$20 processing fee for the pre-conference if your cancellation is received in writing no later than March 5, 2018. Attendee substitutions are allowed, but notification must be made in writing by March 5, 2018. After this date, under no circumstances will refunds, credits, or substitutions be granted. No refunds or credits will be given to "no shows."

#### Scripps Conference Modification or Cancellation

Scripps reserves the right to modify the course's schedule or program as necessary. Scripps also reserves the right to cancel this conference, in which case a full refund of the registration fee will be provided. We are unable to refund any travel costs (flight, hotel, etc.) in the case of Scripps cancellation.

## Conference Highlights

- Half Day Pre-Conference Seminar reviewing the virology, genotypes and modes of infection of HCV.
- Plenary talks from nationally recognized experts.
- Presentations on hot topics, upcoming scientific developments, and current advances in chronic viral hepatitis B and C, non-alcoholic fatty liver diseases, primary biliary cirrhosis, primary sclerosing cholangitis, hepatocellular carcinoma and complications of end-stage liver disease.
- Networking opportunities among colleagues.
- Conference app with access to course materials from the convenience of your mobile device or computer.

## Conference Location



### Estancia La Jolla Hotel

9700 N. Torrey Pines Road, La Jolla, California 92037  
855-318-7602 | [estancialajolla.com](http://estancialajolla.com)

Please make your own sleeping room reservation, no later than **February 15, 2018**. Mention you are with the Scripps Liver Disease conference to receive the reduced rate of \$239 per night, plus the \$20 hospitality service fee.

## Download the Scripps CME App

All conference information including a detailed agenda, faculty listing, faculty disclosures, industry support, attendee list, and course materials can be found on the free Scripps CME conference app for smart phones, tablets and laptop computers. To download the app on your smart phone or other device visit the appropriate app store and search ScrippsCME (must be one word). The app is free of charge and will be continuously updated during and after the course.

To access the site using a web browser: <http://www.grupio.com/livercme>



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## target audience

- Hepatologists
- Gastroenterologists
- Infectious Disease
- Specialists
- Nurse Practitioners
- Physician Assistants
- Nurses
- Residents/Fellows
- and others desiring an update in these specialty areas

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