

ANNUAL SCIENTIFIC MEETING

Monday through Wednesday, October 28-30, 2019

PROGRAM DESCRIPTION

Gain insight from the experts, learn practical take-home points, and network with your colleagues when you attend the ACG Annual Scientific Meeting. Throughout the Scientific Meeting, faculty will present the latest in GI and hepatology, and how to incorporate findings into patient care. Hear about the latest clinical research during the free papers/oral presentation plenary sessions. In addition, there will be several featured lectures by world-renowned experts that delve into deeper discussion on a specific topic.

Thirteen scientific symposia and over 65 oral abstract presentations will allow attendees to hear lecture presentations from experts and to participate in interactive question and answer sessions with the faculty.

In addition, 15 optional scientific breakfast sessions will be offered, where a smaller setting allows for heightened interaction with the speakers and greater audience involvement.

Finally, ACG's 7th Annual Endoscopy Video Forum will feature the best video presentations submitted from colleagues from across the U.S. and around the world.


The Annual Scientific Meeting program is designed primarily for physicians in gastroenterology and hepatology, as well as physician assistants, nurse practitioners, and other advanced practice healthcare professionals interested in the latest information on state-of-the-art treatment of these illnesses.

ACCREDITATION / CME / MOC

The American College of Gastroenterology is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The American College of Gastroenterology designates this live activity for a maximum of 20.75 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AMA PRA Category 1 Credits[™] are awarded as follows: 16.5 *AMA PRA Category 1 Credits*[™] for the Annual Meeting, 1.25 *AMA PRA Category 1 Credits*[™] for each Monday Breakfast Session, and 1.5 *AMA PRA Category 1 Credits*[™] for each Tuesday and Wednesday Breakfast Session (breakfasts must be purchased separately).

 Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 16.5 MOC points in the ABIM's MOC program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

MONDAY, OCTOBER 28, 2019 | 6:45 AM - 6:30 PM

6:00 am – 5:00 pm REGISTRATION OPENS

OPTIONAL BREAKFAST SESSIONS – Choose from 6

6:30 am – 7:45 am

(\$60 per person per breakfast. Visit the Registration Desk in the Main Lobby (Street Level) to register for a Breakfast Session, however, these events may be sold out.)

BREAKFAST A: IBD at the Extremes: From Babies to Boomers

Moderator: Christina Y. Ha, MD, FACP

- **Preconception to Pregnancy**
Eugenia Shmidt, MD
Emphasize the importance of pre-, peri-, and postpartum care for women with IBD.
- **Transitions of Care**
Jill K. J. Gaidos, MD, FACP
Propose strategies for seamless transition from pediatric to adult GI care.
- **The Older Patient**
Christina Y. Ha, MD, FACP
Distinguish the additional needs of older patients living with IBD.

BREAKFAST B: Anorectal Disorders

Moderator: Lawrence J. Brandt, MD, MACG

- **I Am Itching to Show and Tell: Benign and Malignant Anorectal Lesions**
Lawrence J. Brandt, MD, MACG
Recognize various benign and malignant anorectal pathologies.
- **Taking on Hemorrhoids: Things to Consider**
Harry E. Sarles, Jr., MD, MACG
Identify and describe various options available to treat hemorrhoidal disease.
- **Management of Anorectal POOpouri: Pruritus, Proctalgia, Seepage, and Perianal Dermatitis**
Satish S.C. Rao, MD, PhD, FACP
Describe various treatment options for common perianal symptoms.

BREAKFAST C: Challenges in ERCP

Moderator: Prabhleen Chahal, MD, FACP

- **Evaluation and Management of Hilar Obstruction**
Prabhleen Chahal, MD, FACP
Outline new paradigms in the management of hilar biliary obstruction.
- **Approach to the Difficult ERCP**
Vivek Kaul, MD, FACP
Explain how to approach and manage difficult ERCP scenarios.
- **Quality Indicators in ERCP**
Patrick S. Yachimski, MD, MPH
Identify best practice principles and quality indicators in ERCP practice.

BREAKFAST D: Conundrums in Motility: How the Experts Handle Tough Cases

Moderator: John E. Pandolfino, MD, MSCI, FACP

- **UES Dysfunction/Cricopharyngeal Bar**
Reza Shaker, MD, FACP
Describe the management of upper esophageal sphincter dysfunction/cricopharyngeal bar through the evaluation of cases.
- **Ineffective Esophageal Motility/Hypomotility Disorders**
C. Prakash Gyawali, MD, MRCP, FACP
Discuss the management of IEM/hypomotility disorders through the evaluation of cases.
- **GEJ Outflow Obstruction**
John E. Pandolfino, MD, MSCI, FACP
Explain the management of gastroesophageal junction outflow obstruction through the evaluation of cases.

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BREAKFAST E: Remaining Challenges in the Management of Hepatitis C Infection

Moderator: *Norah A. Terrault, MD, MPH, FACG*

• **Hepatitis C Management: Overview and Update**

Nancy S. Reau, MD, FACG

Review the current state-of-the-art treatment options for hepatitis C.

• **Difficult-to-Treat HCV Patients**

Norah A. Terrault, MD, MPH, FACG

Discuss the treatment options for hepatitis C in patients with decompensated cirrhosis, recognize treatment options for HCV patients who have failed prior therapies, and identify the unique needs of injection drug users with HCV infection.

• **Management of the Cured HCV Patient**

Joseph K. Lim, MD, FACG

Identify the long-term management of the hepatitis C patient who has been cured of their infection.

BREAKFAST F: Challenges in Small Bowel Bleeding

Moderator: *Elizabeth Rajan, MD*

• **Approach to the Patient With Obscure GI Bleeding**

Elizabeth Rajan, MD

Describe the classification and etiologies of small bowel bleeding and explain the approach to initial work-up of patients with small bowel bleeding.

• **Update and Quality Metrics in Capsule Endoscopy**

Jodie A. Barkin, MD

Discuss new updates in video capsule endoscopy technology, and define markers of quality in the preparation, performance, and interpretation of video capsule endoscopy with strategies for optimization.

• **Medical and Endoscopic Management of Small Bowel Angioectasias and Other Lesions**

Kathy P. Bull-Henry, MD, MBA, FACG

Recognize the role of small bowel enteroscopy and medical therapies in managing small bowel bleeding due to angioectasias and other lesions.

7:50 am – 6:30 pm Annual Scientific Meeting

7:50 am – 8:00 am Opening Remarks

📍 *Stars at Night Ballroom*

Sunanda V. Kane, MD, MSPH, FACG, ACG President

8:00 am – 9:00 am Presidential Plenary Session 1 (Paper/Abstract Presentations)

📍 *Stars at Night Ballroom*

Moderators: *Sunanda V. Kane, MD, MSPH, FACG, and Seth A. Gross, MD, FACG*

1. Efficacy of Budesonide Oral Suspension for Eosinophilic Esophagitis in Adolescents and Adults: Results From a Phase 3, Randomized, Placebo-Controlled Trial

★ *Category Award (Esophagus)*

Ikuo Hirano, MD, FACG¹, Margaret H. Collins, MD², David A. Katzka, MD³, Vincent A. Mikkada, MD², Gary W. Falk, MD, FACG⁴, James Williams, MD⁵, Nirav K. Desai, MD⁵, Lan Lan, PhD⁵, Robin Morey, MPH, BA⁵, Evan S. Dellon, MD, MPH⁶; ¹Northwestern University Feinberg School of Medicine, Chicago, IL, ²Cincinnati Children's Hospital Medical Center and University of Cincinnati College of Medicine, Cincinnati, OH, ³Mayo Clinic, Rochester, MN, ⁴Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, ⁵Shire, a Takeda company, Lexington, MA, ⁶Center for Esophageal Diseases and Swallowing, University of North Carolina, Chapel Hill, NC

2. Avoidant/Restrictive Food Intake Disorder (ARFID) Among Adult Gastroenterology Behavioral Health Patients: Comparison of ARFID vs. Non-ARFID Patients

★ *Category Award (Functional Bowel Disease)*

Kimberly N. Harer, MD, ScM¹, Christina Jagielski, PhD, MPH¹, William D. Chey, MD, FACG², Megan Riehl, PsyD¹; ¹University of Michigan, Ann Arbor, MI, ²Michigan Medicine, University of Michigan, Ann Arbor, MI

3. Transitioning From Vedolizumab IV to Vedolizumab SC in Patients With Ulcerative Colitis: Results From the VISIBLE Program

Douglas Wolf, MD, FACG¹, Silvio Danese, MD, PhD², Barbara Matthews, MD, MPH³, Stephen Jones, MD⁴, Jingjing Chen, PhD⁵, Krisztina Kisfalvi, MD, PhD⁵, William J. Sandborn, MD, FACG⁶; ¹Atlanta Gastroenterology Associates, Atlanta, GA, ²Humanitas University, Milan, Lombardia, Italy, ³Bio-Direct, Inc., Silver Spring, MD, ⁴Takeda Centre Europe Ltd, London, Burnham, England, United Kingdom, ⁵Takeda Development Center Americas, Inc., Cambridge, MA, ⁶University of California San Diego, La Jolla, CA

4. Patient Attitudes Towards Pre-Procedure Telehealth Visits Prior to Advanced Endoscopic Procedures: Results of a Pilot Survey

★ *Fellows-in-Training Award (Interventional Endoscopy Category)*

Suraj Suresh, MD¹, Stacy Menees, MD, MS¹, Sameer D. Saini, MD, MSc², Anoop Prabhhu, MD¹; ¹University of Michigan Health System, Ann Arbor, MI, ²University of Michigan School of Medicine, Ann Arbor, MI

5. Kinetics of Stool Polymerase Chain Reaction in *Clostridioides difficile* Infection and Its Utility in Predicting Recurrence

Srishti Saha, MD, MBBS, Ryan Pardi, Robin Patel, MD, Darrell Pardi, MD, MS, FACG, Sahil Khanna, MBBS, MS; Mayo Clinic, Rochester, MN

9:00 am – 9:30 am President's Address

📍 *Stars at Night Ballroom*

Sunanda V. Kane, MD, MSPH, FACG

Introduced by: *Mark B. Pochapin, MD, FACG*

See page 18 for more information.

9:30 am – 10:30 am Presidential Plenary Session 2

📍 *Stars at Night Ballroom*

Moderators: *Mark B. Pochapin, MD, FACG,*

and Seth A. Gross, MD, FACG

6. Statin Use Reduces the Risk of Hepatocellular Carcinoma: An Updated Meta-analysis and Systematic Review

★ *ACG Governors Award for Excellence in Clinical Research*

(Physician, Non-Trainee)

Muhammad Talal Sarmini, MD¹, Mohammad Alomari, MD¹, Laith Al Momani, MD², Mohammad Maysara Asfari, MD³, Carlos Romero-Marrero, MD, MSc⁴; ¹Cleveland Clinic Foundation, Cleveland, OH, ²East Tennessee State University, Johnson City, TN, ³Medical College of Georgia at Augusta University, Augusta, GA, ⁴Digestive Disease Institute, Cleveland Clinic Foundation, Cleveland, OH

7. Travelers' Diarrhea, Single Dose Antibiotics, Acquisition of Multi-Drug Resistance and Associations With Functional Microbiome Characterization: Is There Any There There?

★ *Category Award (Small Intestine)*

Ryan C. Johnson, PhD¹, Joy D. Van Nostrand, PhD², Michele Tisdale, MS³, Brett E. Swierczewski, PhD⁴, Mark P. Simons, PhD, MScPH⁵, Patrick Connor, FRCP⁶, Jamie Fraser, MPH⁷, Angela R. Melton-Celsa, PhD¹, David R. Tribble, MD, DrPH⁸, Mark S. Riddle, MD, DrPH, MPH&TM⁹; ¹Uniformed Services University of the Health Sciences, Bethesda, MD, ²Institute for Environmental Genomics, Norman, OK, ³Naval Medical Center, Portsmouth, VA, ⁴Walter Reed Army Institute of Research, Silver Spring, MD, ⁵Naval Medical Research Center, Silver Spring, MD, ⁶UK Defence Medical Service, Birmingham, England, United Kingdom, ⁷The Henry M. Jackson Foundation for the Advancement of Military Medicine, Bethesda, MD, ⁸Infectious Disease Clinical Research Program at USUHS, Bethesda, MD, ⁹University of Nevada Reno School of Medicine, Reno, NV

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8. Randomized Controlled Trial (RCT) of Over-the-Scope Clip (OTSC) as Initial Endoscopic Treatment of Severe Non-Variceal Upper Gastrointestinal Bleeding (NVUGIB)

★ *Category Award (GI Bleeding)*

Dennis M. Jensen, MD, FACC¹, Thomas Kovacs, MD², Kevin Ghassemi, MD², Marc Kaneshiro, MD², Jeffrey Gornbein, DrPH³; ¹CURE Digestive Diseases Research Center / David Geffen School of Medicine at UCLA and Ronald Reagan UCLA Medical Center / West Los Angeles Veterans Administration Medical Center, Los Angeles, CA, ²CURE Digestive Diseases Research Center / David Geffen School of Medicine at UCLA and Ronald Reagan UCLA Medical Center, Los Angeles, CA, ³GIM - DOMSTATS, Los Angeles, CA

9. Numerous Non-Advanced Adenomas Are Not Associated With Metachronous Advanced Neoplasia

★ *Fellows-in-Training Award (Colorectal Cancer Prevention Category)*

Carol Roupheal, MD, Rocío Lopez, MS, MPH, John McMichael, BSc, Carol A. Burke, MD, FACC; Cleveland Clinic Foundation, Cleveland, OH

10. Double High-Level Disinfection vs. Sterilization for Reprocessing of Duodenoscopes Used for ERCP: A Prospective Study

★ *Category Award (Biliary/Pancreas)*

Mark A. Gromski, MD¹, Marnie S. Sieber, MSN, RN², Stuart Sherman, MD, FACC¹, Douglas K. Rex, MD, MACG¹; ¹Indiana University School of Medicine, Indianapolis, IN, ²Indiana University Health, Indianapolis, IN

10:00 am – 4:45 pm **Exhibit Hall Open**
📍 *Exhibit Halls 3 and 4 (Street Level)*

10:15 am – 4:45 pm **Hands-On Endoscopy Workshop Center Open**
📍 *Exhibit Halls 3 and 4 (Street Level)*

10:30 am – 11:30 am **Break – Visit the Exhibit Hall and Browse Scientific Posters**
📍 *Exhibit Halls 3 and 4 (Street Level)*

10:30 am – 11:30 am **Exhibitor Theater**
📍 *Exhibit Halls 3 and 4 (Street Level)*
Sponsored by Allergan & Ironwood
See page 313 for more information.

10:30 am – 4:15 pm **Scientific Poster Session Open**
📍 *Exhibit Halls 3 and 4 (Street Level)*

SIMULTANEOUS SYMPOSIA – SESSION 1 – Choose from 3 11:30 am – 12:45 pm

SYMPOSIUM 1A: CRC Screening and Surveillance Conundrums

📍 *Stars at Night Ballroom - B1*

Moderator: Aasma Shaukat, MD, MPH, FACC

- **At What Age Should I Start Screening and When Should I Stop?**
Aasma Shaukat, MD, MPH, FACC
Discuss the evidence to support or refute starting colonoscopy screening at age 45 and stopping after age 75.
- **Colon Polypectomy, What Should You Use: Forceps to ESD**
Mark B. Pochapin, MD, FACC
Review best practice for colon polyp removal depending on polyp size.
- **What Should I Do With a Positive Stool Test After a Negative Colonoscopy?**
Carol A. Burke, MD, FACC
Explain an evidence-based approach to a positive stool test after a recent negative colonoscopy.

SYMPOSIUM 1B: Controversies in Esophageal Disease: Expert Debates

📍 *Stars at Night Ballroom - B4*

Moderator: Christine Y. Hachem, MD, FACC

- **Do Endoscopic Anti-Reflux Therapies Have a Role in 2019?**
Ronnie Fass, MD, FACC, and Seth J. Richter, MD, FACC
Compare effectiveness of endoscopic anti-reflux therapies in the management of GERD.
- **Debating the Management of Achalasia: Is E-POEM Now a First-Line Therapy?**
Philip O. Katz, MD, MACG, and Marcelo F. Vela, MD, MSCR, FACC
Compare effectiveness of POEM, pneumatic dilation, and Heller myotomy in the management of achalasia.

SYMPOSIUM 1C: Improving Your Clinical Practice

📍 *Stars at Night Ballroom - B2*

Moderator: Shivangi T. Kothari, MD, FACC

- **Quality Metrics in Your Endoscopic Practice**
Colleen M. Schmitt, MD, MHS, FACC
Define quality metrics in the endoscopy unit and gastroenterology clinic and recognize the role of GIQuIC and tools for quality reporting.
- **Integrating Advanced Practice Providers in Your Clinical Practice**
Shivangi T. Kothari, MD, FACC, and Mary S. Vetter, ANP
Explain how APPs can play an important role in your gastroenterology practice and identify techniques for their training.
- **Telemedicine in Gastroenterology: Why and How to Adopt It Into Your Practice**
Harry E. Sarles, Jr., MD, MACG
Describe how telemedicine adds value to the practice of gastroenterology, how to integrate telemedicine into your practice, and discuss liability issues relative to telehealth.

12:45 pm – 2:15 pm **Lunch Break - Visit the Exhibit Hall and Browse Scientific Posters**
📍 *Exhibit Halls 3 and 4 (Street Level)*
Concession stands will be open in the exhibit hall.

12:45 pm – 1:20 pm **Exhibitor Theater**
📍 *Exhibit Halls 3 and 4 (Street Level)*
Sponsored by Janssen Biotech, Inc.
See page 313 for more information.

1:00 pm – 2:00 pm **GIQuIC - Measuring and Improving Quality in Clinical Practice Luncheon**
(\$25 per person. Visit the Registration Desk in the Main Lobby (Street Level) to register for this luncheon.) See page 18 for more information.

1:00 pm – 2:15 pm **Scientific Poster Session - Authors Present and Poster Rounds With the Experts**
📍 *Exhibit Halls 3 and 4 (Street Level)*
See page 134 for more information.

Visit the
ACG STORE

Located in the Main Lobby (Street Level)

Friday, October 25 8:00 am - 5:00 pm

Saturday, October 26 8:00 am - 5:00 pm

Sunday, October 27 8:00 am - 5:00 pm

Monday, October 28 8:00 am - 5:00 pm

Tuesday, October 29 8:00 am - 5:00 pm

Wednesday, October 30 8:00 am - 11:00 am

SCIENTIFIC
MEETING

ANNUAL SCIENTIFIC MEETING

Monday, October 28, 2019

1:40 pm – 2:15 pm

Exhibitor Theater

☛ Exhibit Halls 3 and 4 (Street Level)

Sponsored by Salix Pharmaceuticals

See page 313 for more information.

SIMULTANEOUS PLENARY SESSION 1 – Choose from 2

2:15 PM – 3:00 PM

PLENARY SESSION 1A – LIVER

☛ Stars at Night Ballroom - B2

Moderators: Joseph Ahn, MD, MS, MBA, FACC, and Nancy S. Reau, MD, FACC

11. Positive Results From REGENERATE: A Phase 3 International, Randomized, Placebo-Controlled Study Evaluating Obeticholic Acid Treatment for NASH

Zobair Younossi, MD, FACP¹, Vlad Ratzliff², Rohit Loomba³, Mary Rinella⁴, Quentin M. Anstee, PhD, FRCP⁵, Zachary Goodman, MD, PhD¹, Pierre Bedossa, MD, PhD⁶, Andreas Geier⁷, Susanne Beckebaum⁸, Philip Newsome⁹, David Sheridan¹⁰, James Trotter¹¹, Whitfield Knapp, MD, FACP¹², Eric Lawitz, MD¹³, Kris Kowdley, MD¹⁴, Aldo Montano-Loza¹⁵, Jerome Boursier¹⁶, Philippe Mathurin¹⁷, Elisabetta Bugianesi¹⁸, Giuseppe Mazzella¹⁹, Antonio Oliveira²⁰, Helena Cortez-Pinto²¹, Isabel Graupera²², David Orr²³, Lise Lotte Gluud²⁴, Jean-Francois Dufour²⁵, David Shapiro, MD²⁶, Jason Campagna²⁷, Luna Zaru²⁶, Leigh MacConell²⁶, Reshma Shringarpure²⁶, Stephen Harrison, MD²⁸, Arun Sanyal, MD²⁹; ¹Inova Health System, Falls Church, VA, ²Sorbonne Université, Hôpital Pitié – Salpêtrière, Paris, Ile-de-France, France, ³University of California San Diego, San Diego, CA, ⁴Feinberg School of Medicine, Northwestern University, Chicago, IL, ⁵Institute of Cellular Medicine, Newcastle University, Newcastle upon Tyne, England, United Kingdom, ⁶Hôpital Beaujon, Clichy, Centre, France, ⁷University of Würzburg, Würzburg, Bayern, Germany, ⁸St. Josef-Krankenhaus Kupferdreh, Essen, Nordrhein-Westfalen, Germany, ⁹University of Birmingham, Birmingham, England, United Kingdom, ¹⁰Derriford Hospital, Plymouth, England, United Kingdom, ¹¹Baylor Health, Liver Consultants of Texas, Dallas, TX, ¹²Arkansas Gastroenterology, North Little Rock, AR, ¹³Texas Liver Institute, University of Texas Health, San Antonio, TX, ¹⁴Swedish Liver Center, Seattle, WA, ¹⁵University of Alberta, Edmonton, AB, Canada, ¹⁶Angers University Hospital, Angers, Pays de la Loire, France, ¹⁷Hospital Claude Huriez CHRU Lille, Lille, Nord-Pas-de-Calais, France, ¹⁸University of Turin, Turin, Piemonte, Italy, ¹⁹University of Bologna, Bologna, Emilia-Romagna, Italy, ²⁰Hospital Universitario La Paz, Madrid, Madrid, Spain, ²¹CHULN, Centro Hospitalar Universitário Lisboa Norte, EPE, Lisbon, Lisboa, Portugal, ²²Hospital Clinic de Barcelona, Barcelona, Catalonia, Spain, ²³Auckland City Hospital, Auckland, Auckland, New Zealand, ²⁴Copenhagen University Hospital Hvidovre, Hvidovre, Hovedstaden, Denmark, ²⁵University of Bern, Bern, Bern, Switzerland, ²⁶Intercept Pharmaceuticals Inc, San Diego, CA, ²⁷Intercept Pharmaceuticals Inc, New York, NY, ²⁸Pinnacle Clinical Research Center, San Antonio, TX, ²⁹Virginia Commonwealth University, Richmond, VA

12. B-Type Natriuretic Peptide Predicts 90-Day Mortality and Need for Paracentesis in Patients With Cirrhosis and Without Systolic Heart Failure

Pedro Palacios, MD¹, Tiago Araujo, MD¹, Ishaan Vohra, MD¹, Yazan Abu Omar, MD², Estefania Flores, MD¹, V. V. Pavan Kedar Mukthinthalapati, MD¹, Tejinder Randhawa, DO¹, Yuchen Wang, MD², Sanjay A. Patel, MD¹; ¹John H. Stroger, Jr. Hospital of Cook County, Chicago, IL, ²Cook County Health and Hospital Systems, Chicago, IL

13. Pregnancy Outcomes After Liver Transplantation

★ ACG Auxiliary Award (Trainee)

Lindsay Sobotka, DO¹, Alice Hinton, PhD², Khalid Mumtaz, MD¹, Lanla Conteh, MD, MPH¹; ¹The Ohio State University Wexner Medical Center, Columbus, OH, ²The Ohio State University College of Public Health, Columbus, OH

14. Sex-Specific and Ethnicity-Specific Disparities in Successful Linkage to Care Among Chronic Hepatitis C Virus Infection Patients at an Under-Served Safety Net Hospital

★ ACG/Naomi Nakao Gender-Based Research Award

Chantal Gomes, DO¹, Dina Ginzberg, DO¹, Benny Liu, MD¹, Taft Bhuket, MD¹, Robert Wong, MD, MS, FACP²; ¹Alameda Health System, Oakland, CA, ²Alameda Health System - Highland Hospital, Oakland, CA

PLENARY SESSION 1B – ENDOSCOPY/PRACTICE MANAGEMENT

☛ Stars at Night Ballroom - B4

Moderators: Shivangi T. Kothari, MD, FACC, and Daniel J. Pambianco, MD, FACC

15. Recent Trends in Gastroenterology and Endoscopy Related Medical Professional Liability Claims in the United States of America

★ Category Award (Practice Management)

Mahendran Jayaraj, MD¹, Ranjit Makar, MD¹, Daisy S. Lankarani, MD¹, Divya Parikh², Gordon Ohning, MD, PhD¹; ¹University of Nevada Las Vegas School of Medicine, Las Vegas, NV, ²MPL Association, Rockville, MD

16. Single-Use Duodenoscope for Endoscopic Retrograde Cholangiopancreatography: Performance Ratings From a Case Series of 60 Patients

V. Raman Muthusamy, MD, MAS, FACP¹, Marco Bruno, MD, PhD², Richard Kozarek, MD, FACP³, Bret Petersen, MD⁴, Douglas Pleskow, MD⁵, Divyesh Sejjal, MD, MHCDS⁶, Adam Slivka, MD, PhD⁷, Joyce Peetermans, PhD⁸, Matthew Rousseau, MS⁹, Gregory Tirrell, MS⁹, Andrew Ross, MD⁹; ¹University of California Los Angeles, David Geffen School of Medicine, Los Angeles, CA, ²Erasmus Medical Center, Rotterdam, Zuid-Holland, Netherlands, ³Virginia Mason Medical Center, Seattle, WA, ⁴Mayo Clinic, Rochester, MN, ⁵Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, ⁶North Shore University Hospital, Manhasset, NY, ⁷University of Pittsburgh Medical Center, Pittsburgh, PA, ⁸Boston Scientific, Marlborough, MA, ⁹Digestive Diseases Institute, Virginia Mason Clinic, Seattle, WA

17. Optimal Bacterial Surveillance Protocol for Duodenoscopes and Linear Echoendoscopes: A Comparison of Two Approaches

Jennifer Lui, RN, Christopher C. Chapman, MD, Irving Waxman, MD, Uzma D. Siddiqui, MD; Center for Endoscopic Research and Therapeutics, University of Chicago Medicine, Chicago, IL

18. Are All Endoscopic-Related Musculoskeletal Injuries Created Equal? Results of a National Gender-Based Survey

Swati Pawa, MD, FACP¹, Promilla Banerjee, MD, FACP², Shivangi Kothari, MD³, Sharlene D'Souza, MD⁴, Sarah L. Martindale, PhD⁵, Jill Gaidos, MD, FACP⁶, Amy S. Oxentenko, MD, FACP⁷, Carol A. Burke, MD, FACP⁸; ¹Wake Forest University School of Medicine, Winston-Salem, NC, ²Edward Hines Jr. VA Hospital, Hines, IL, ³University of Rochester Medical Center, Strong Memorial Hospital, Rochester, NY, ⁴Gastroenterology Consultants, PC, Medford, OR, ⁵W.G. (Bill) Hefner VA Medical Center, Salisbury, NC, ⁶Virginia Commonwealth University, Richmond, VA, ⁷Mayo Clinic, Rochester, MN, ⁸Cleveland Clinic Foundation, Cleveland, OH

3:15 pm – 3:45 pm

The American Journal of Gastroenterology Lecture Celiac Disease: Myths and Mysteries

☛ Stars at Night Ballroom - B2

Ciarán P. Kelly, MD, FACP

Introduced by: Brian E. Lacy, MD, PhD, FACP, and Brennan M. Spiegel, MD, MSHS, FACP

Appreciate the diverse clinical presentations of celiac disease, recognize the challenges and limitations of treatment with a gluten-free diet and the need for non-dietary adjunctive therapies. See page 23 for more information.

3:45 pm – 4:45 pm

Break – Visit the Exhibit Hall and Browse Scientific Posters

☛ Exhibit Halls 3 and 4 (Street Level)

ANNUAL SCIENTIFIC MEETING

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3:45 pm – 4:45 pm Exhibitor Theater
📍 *Exhibit Halls 3 and 4 (Street Level)*
Sponsored by Intercept Pharmaceuticals Inc.
See page 313 for more information.

4:00 pm – 5:00 pm How to Get Published: ACG Journal Editors' Roundtable
📍 *Room 303 (Ballroom Level)*
Brian E. Lacy, MD, PhD, FACP, and
Brennan M. Spiegel, MD, MSHS, FACP
See page 18 for more information.

SIMULTANEOUS SYMPOSIA – SESSION 2 – Choose from 3
4:45 pm – 6:00 pm

SYMPOSIUM 2A: Positioning Therapies in IBD: What's the Initial Treatment Strategy?

📍 *Stars at Night Ballroom - B1*
Moderator: David T. Rubin, MD, FACP

- **Low-Risk Crohn's Disease – Do We Need to Do Anything at All?**
Kim L. Isaacs, MD, PhD, FACP
Define and identify treatment strategies for low-risk Crohn's disease.
- **High-Risk Ulcerative Colitis – Where Do We Start?**
David T. Rubin, MD, FACP
Discuss medication selection based on patient and disease-related factors for high-risk UC.
- **High-Risk Crohn's Disease – More Options, More Questions?**
Uma Mahadevan, MD, FACP
Position the newer mechanisms of action into the treatment algorithm for high-risk Crohn's disease patients.

SYMPOSIUM 2B: Challenging Functional Complaints

📍 *Stars at Night Ballroom - B2*
Moderator: Linda Anh B. Nguyen, MD

- **POTS and EDS: What Does a Gastroenterologist Need to Know?**
Linda Anh B. Nguyen, MD
Recognize and discuss the emerging overlap between postural tachycardia syndrome and Ehlers-Danlos syndromes in gastrointestinal disorders.
- **Neuromodulation for Functional Abdominal Pain**
Brooks D. Cash, MD, FACP
Discuss the diagnosis and treatment of chronic functional abdominal pain.
- **Things That Make You Go Green: Cyclic Vomiting, Cannabinoid Hyperemesis, and Chronic Nausea**
Edith Y. Ho, MD, MS, FACP
Differentiate between different functional etiologies of nausea and vomiting.

SYMPOSIUM 2C: Live From San Antonio! The 7th Annual Endoscopy Video Forum

📍 *Stars at Night Ballroom - B4*
Moderators: Seth A. Gross, MD, FACP, and Vivek Kaul, MD, FACP
Judges: Jodie A. Barkin, MD; Qiang Cai, MD, PhD, FACP; Prabhleen Chahal, MD, FACP; David A. Greenwald, MD, FACP; Vanessa M. Shami, MD, FACP; Allison R. Schulman, MD, MPH; and Kevin E. Woods, MD, MPH
Demonstrate interesting endoscopic findings and techniques encountered in daily clinical practice.

V1. An Interesting Report of Endoscopic Management of a Migrated Gastric Lap Band

Daniel J. Waintraub, MD, Kaveh Zivari, MD, Jonathan Weinberger, MD, Richard M. Fazio, MD, MS, Zoe Berman, MD, Danny Sherwinter, MD, Maryanne Ruggiero, MD, Dmitriy O. Khodorskiy, MD; Maimonides Medical Center, Brooklyn, NY

V2. Bilateral Metal Stent ERCP Through an Endoscopic Ultrasound-Guided Gastrojejunal Lumen-Apposing Stent

Rintaro Hashimoto, MD, Nabil El Hage Chehade, MD, Jason Samarasekera, MD, FACP; University of California Irvine Medical Center, Orange, CA

V3. Multi-Modality Endotherapy of Esophagopleural Fistula (EPF) Using a Novel External Stent Anchoring Mechanism

Rebecca Crain, Hamza Abdulla, MD, Praveen Guturu, MD, Sreeram Parupudi, MD, FACP; University of Texas Medical Branch, Galveston, TX

V4. Caught Between a Rock and a Hard Place: EUS-Guided Drainage of a Vascular Configuration

Youssef El Douaihy, MD, Sherif Andrawes, MD, Elliot Landau, MD; Staten Island University Hospital, Staten Island, NY

V5. Loop Combined Endoscopic Clip and Cyanoacrylate Injection to Treat the Severe Gastric Varices With Spleno-Renal Shunt

Ai Zhenglin, MD, Li Ping, MD; Beijing Di-Tan Hospital, Capital Medical University, Beijing, China

V6. Successful Removal of Anal Condyloma With Endoscopic Submucosal Dissection (ESD): A Novel Indication for ESD

Prianka Gajula, MD¹, Mohamed Othman, MD²; ¹Houston Methodist Hospital, Houston, TX, ²Baylor College of Medicine, Houston, TX

V7. Endoscopic Management of a Recalcitrant Anastomotic Bile Leak After Pancreaticoduodenectomy

Feng Li, MD¹, Kevin El-Hayek, MD¹, Prabhleen Chahal, MD, FACP²; ¹Cleveland Clinic Foundation, Cleveland, OH, ²Cleveland Clinic, Cleveland, OH

V8. A Natural Orifice Transluminal Endoscopic Surgical Approach to Cruroplasty for GERD Management: A Feasibility Study in an Acute Porcine Model

Carl Manzo, MD¹, Abraham Mathew, MD¹, Jennifer Maranki, MD¹, Eric Pauli, MD², Matthew Moyer, MD, MS¹, Jennifer Izer¹, Fred Karasz, BS²; ¹Penn State University Milton S. Hershey Medical Center, Hershey, PA, ²Penn State University Milton S. Hershey Medical Center and College of Medicine, Hershey, PA

6:00 pm – 6:30 pm ACG's Annual Business Meeting

📍 *Stars at Night Ballroom - B2*
All Members and Fellows of ACG are invited.
See page 18 for more information.

6:30 pm Annual Scientific Meeting Adjourns for the Day

POSTER ROUNDS

with the Experts

Join leading experts as they discuss posters and share their insights, while networking with other attendees in a low-key, relaxed atmosphere. Check your registration bag for more information regarding the experts leading the poster rounds and the times for each day.

SCIENTIFIC
MEETING

ANNUAL SCIENTIFIC MEETING

Tuesday, October 29, 2019

TUESDAY, OCTOBER 29, 2019

6:45 AM - 6:25 PM

6:00 am – 5:00 pm REGISTRATION OPEN

OPTIONAL BREAKFAST SESSIONS – Choose from 6

6:45 am – 8:15 am

(\$60 per person per breakfast. Visit the Registration Desk in the Main Lobby (Street Level) to register for a Breakfast Session, however, these events may be sold out.)

BREAKFAST G: Personalizing Treatment Strategies for GERD

Moderator: Rena H. Yadlapati, MD, MSHS

- **How to Approach the Diagnostic Evaluation of Reflux Symptoms**
Rena H. Yadlapati, MD, MSHS
Describe how to approach patients with reflux symptoms on or off therapy and discuss options for diagnostic testing and the clinical significance of reflux subgroups.
- **Optimal Medical Management of Reflux: PPIs and Beyond**
Kerry B. Dunbar, MD
Discuss optimal medical management of reflux, focusing on PPI therapy, non-PPI therapies, complementary and alternative therapies, and other emerging medical approaches.
- **Non-Medical Options for Reflux Disease: Now and On the Horizon**
Richard I. Rothstein, MD, FACG
Explain non-medical options for reflux including approved and developing endoscopic anti-reflux and surgical therapies, and speculate as to the non-medical options in the near future.

BREAKFAST H: Advances in Luminal Interventional Endoscopy

Moderator: Peter V. Draganov, MD, FACG

- **Z-POEM, E-POEM, and G-POEM**
Peter V. Draganov, MD, FACG
Compare new endoscopic techniques for management of achalasia, Zenker's diverticulum, and gastroparesis.
- **The Role of Endoscopic Mucosal Resection and Endoscopic Submucosal Dissection in Clinical Practice**
Andrew Y. Wang, MD, FACG
Describe the role of EMR and ESD in modern endoscopy practice.
- **Bariatric Endoscopy Update**
Allison R. Schulman, MD, MPH
Define new techniques and technologies in bariatric endoscopy.

BREAKFAST I: Case-Based Studies of Common Mistakes in IBD – Recognition and Prevention

Moderator: David P. Hudesman, MD

- **Diagnosis in IBD**
Maria T. Abreu, MD
Discuss strategies to clarify the disease extent, location, and severity of a patient's IBD.
- **Monitoring in IBD**
Stephen B. Hanauer, MD, FACG
Evaluate appropriate testing options to establish the diagnosis of IBD based on updated guidelines.
- **Treatment in IBD**
David P. Hudesman, MD
Identify the natural history of non-monitored IBD including surgeries, hospitalizations, disease progression, and cancer.

BREAKFAST J: Clinical Consults in Hepatology

Moderator: Stanley M. Cohen, MD, FACG

- **Approach to a Patient With Elevated LFTs**
Stanley M. Cohen, MD, FACG
Define a clinical approach to the patient presenting with abnormal liver tests.
- **Rational Approach to a Patient With a Liver Lesion**
Joseph Ahn, MD, MS, FACG
Discuss a clinical approach to the patient presenting with a liver lesion on imaging studies.
- **Hepatitis B Reactivation in an Immunocompromised Patient**
Mindie H. Nguyen, MD, MAS
Evaluate hepatitis B reactivation and its treatment in immunocompromised patients.

BREAKFAST K: Challenges and Opportunities to Practicing Gastroenterology in a Changing Landscape

Moderator: Carol A. Burke, MD, FACG

- **Workplace Efficiency for the Practicing Gastroenterologist**
David J. Hass, MD, FACG
Discuss strategies to maximize efficiency in the clinic, hospital, and endoscopy unit while maintaining excellence in quality of care and identify potential barriers to efficient practice.
- **There Is so Much Literature, How Do I Keep “Up To Date”?**
Amy S. Oxentenko, MD, FACG
Illustrate strategies to efficiently keep up with new literature as lifelong learners and explain techniques to incorporate new research into daily clinical practice.
- **Pursuing Work-Life Balance and Preventing Burnout During Your Career**
Carol A. Burke, MD, FACG
Define the principles of work-life balance and burnout, and propose techniques to recognize, prevent, and address physician burnout at all career stages.

BREAKFAST L: Endoscopic Resection of Large Polyps

(This session will begin with three didactic lectures followed by a hands-on demonstration in the Hands-On Endoscopy Workshop Center in the Exhibit Hall. The hands-on workshop portion of the session does not offer CME.)

Moderator: Tonya R. Kaltenbach, MD, MS, FACG

- **Tips and Tricks to Perform a High-Quality Large Polyp Resection**
Tonya R. Kaltenbach, MD, MS, FACG
Discuss the techniques for endoscopic resection of large colon polyps.
- **Prevention and Management of Complications of Large Polyp Resection**
Laith H. Jamil, MD, FACG
Identify methods to prevent and manage complications of large polyp resection.
- **How to Start an EMR Program in Community Practice**
Harish K. Gagneja, MD, FACG
Describe how to learn and perform EMR in a community practice in a safe, efficient, and effective manner.
- **Hands-On Demonstration in the Exhibit Hall**
Harish K. Gagneja, MD, FACG, Laith H. Jamil, MD, FACG, and Tonya R. Kaltenbach, MD, MS, FACG

8:30 am - 6:25 pm Annual Scientific Meeting

ANNUAL SCIENTIFIC MEETING

Tuesday, October 29, 2019

SIMULTANEOUS PLENARY SESSION 2 – Choose from 2

8:30 am – 10:00 am

PLENARY SESSION 2A – PANCREATITIS / COLORECTAL CANCER PREVENTION

Stars at Night Ballroom - B2

Moderators: Linda S. Lee, MD, and Aasma Shaukat, MD, MPH, FACC

19. Hydrogen Peroxide-Assisted Endoscopic Necrosectomy vs. Standard Endoscopic Necrosectomy for Walled-Off Pancreatic Necrosis: A Multi-Center Retrospective Comparative Study

Ahmed Messallam, MD¹, Douglas G. Adler, MD, FACP², Raj Shah, MD³, Jose Nieto, DO, FACP⁴, Robert Moran, MD⁵, Badih Elmunzer, MD, MSc⁵, Natalie Cosgrove, MD⁶, Daniel Mullady, MD⁷, Harkirat Singh, MD⁸, Georgios Papanichristou, MD, PhD⁹, Mohamed Othman, MD¹⁰, Huma Javaid¹⁰, Michael Oliver M. Mercado, BS¹⁰, Steven Tsistrakis, MD¹¹, Nikhil A. Kumta, MD, MS¹¹, Satish Nagula, MD¹¹, Christopher J. DiMaio, MD, FACP¹¹, Madeleine Birch¹², Linda Taylor¹³, Nicolas LaBarre, MD⁵, Samuel Han, MD¹⁴, Thomas G. Hollander, MS, BSN, RN¹⁵, Sarah Cristofaro¹⁶, Steven Keilin, MD¹⁷, Qiang Cai, MD, PhD, FACP¹⁷, Field Willingham, MD, MPH¹⁷; ¹Emory University, Atlanta, GA, ²University of Utah School of Medicine, Salt Lake City, UT, ³University of Colorado, Aurora, CO, ⁴Borland Groover Clinic, Ponte Vedra, FL, ⁵Medical University of South Carolina, Charleston, SC, ⁶Washington University, St. Louis, MO, ⁷Barnes-Jewish Hospital at Washington University, St. Louis, MO, ⁸University of Pittsburgh Medical Center, Pittsburgh, PA, ⁹UPMC, Pittsburgh, PA, ¹⁰Baylor College of Medicine, Houston, TX, ¹¹Icahn School of Medicine at Mount Sinai, New York, NY, ¹²University of Washington, Seattle, WA, ¹³University of Utah, Salt Lake City, UT, ¹⁴University of Colorado Anschutz Medical Campus, Denver, CO, ¹⁵Washington University School of Medicine, Saint Louis, MO, ¹⁶Emory University, Atlanta, GA, ¹⁷Emory University School of Medicine, Atlanta, GA

20. Comparison of Normal Saline and Plasmalyte in the Management of Acute Pancreatitis

Umair Iqbal, MD¹, Michael Makar, MD¹, Ruchit N. Shah, DO², Andrea Berger¹, Harshit S. Khara, MD, FACP¹; ¹Geisinger Medical Center, Danville, PA, ²Geisinger Health System, Danville, PA

21. Optimizing Inpatient Management of Acute Pancreatitis: A Single Center Quality Improvement Project

★ *Fellows-in-Training Award (Biliary/Pancreas Category)*

Abhinav Koul, MD¹, Ashley Mills, MD¹, Sital Singh, MD², Hershan Johl, MD¹, Hao Zhang¹, Jessica La Force, RD¹, Sooraj Tejaswi, MD, MSPH¹; ¹University of California Davis Medical Center, Sacramento, CA, ²Adventist Health Lodi Memorial, Sacramento, CA

22. Managing Fecal Immunochemical Test (FIT) at Population Health Level in an Urban Safety Net Hospital

★ *Lawlor Resident Award*

Abbinaya Elangovan, MD, Peter J. Greco, MD, Katherine R. Davis, MD, David C. Kaelber, MD, MPH, PhD, Dalbir S. Sandhu, MD; Case Western Reserve University / MetroHealth Medical Center, Cleveland, OH

23. Higher Serrated Detection Rate Is Associated With Lower Risk for Post-Colonoscopy Colorectal Cancer

Joseph C. Anderson, MD, MHCDS, FACP¹, Lynn F. Butterly, MD², Christina N. Robinson, MS², Todd Mackenzie, PhD²; ¹White River Junction VA Medical Center, Hanover, NH, ²Dartmouth-Hitchcock Medical Center, Lebanon, NH

24. Variable Classification of Sessile Serrated Colon Polyps Among Pathologists in an Academic Center

Alexander P. Abadir, MD, Zain Moosvi, MD, William Karnes, MD; University of California Irvine, Orange, CA

25. Prevalence of Advanced Polyps at Age 45-49 Is Similar to 50-54 Years

Lynn F. Butterly, MD¹, Rebecca Siegel, MPH², Christina N. Robinson, MS¹, Joseph C. Anderson, MD, MHCDS, FACP³; ¹Dartmouth-Hitchcock Medical Center, Lebanon, NH, ²American Cancer Society, Atlanta, GA, ³White River Junction VA Medical Center, Hanover, NH

26. Increased Polyp Detection Using a Novel 360 Degree Integrated View Colonoscopy in Colon Models

★ *ACG Governors Award for Excellence in Clinical Research (Fellow-in-Training)*

Nicholas Hoerter, MD¹, Seth Gross, MD, FACP²; ¹New York University Langone Health, New York, NY, ²Tisch Hospital, New York University Langone Health, New York, NY

27. Young Adults With Adenomas: How Does Their Risk for Metachronous Advanced Adenomas Compare With Older Adults?

★ *Category Award (Colorectal Cancer Prevention)*

Joseph C. Anderson, MD, MHCDS, FACP¹, Lynn F. Butterly, MD², Christina N. Robinson, MS²; ¹White River Junction VA Medical Center, Hanover, NH, ²Dartmouth-Hitchcock Medical Center, Lebanon, NH

PLENARY SESSION 2B – PANCREATIC CANCER / ESOPHAGUS

Stars at Night Ballroom - B4

Moderators: Darwin L. Conwell, MD, MS, FACP, and Christine Y. Hachem, MD, FACP

28. The Prevalence and Epidemiology of Pancreatic Cancer in the USA: A Population-Based Study

George Khoudari, MD¹, Mohannad Abou Saleh, MD¹, Firas Baidoun, MD¹, Muhammad Talal Sarmini, MD¹, Kenneth J. Vega, MD², Madhusudhan R. Sanaka, MD, FACP³; ¹Cleveland Clinic Foundation, Cleveland, OH, ²Medical College of Georgia, Augusta, GA, ³Digestive Disease Institute, Cleveland Clinic Foundation, Cleveland, OH

29. A Novel EUS-Guided Intratumoral Delivery of Submicron Particle Paclitaxel (SPP) for the Treatment of Locally Advanced Pancreatic Cancer (LA-PAC): A Prospective Safety, Tolerability and Preliminary Efficiency Study

Simon Lo, MD¹, Andrew Hendifar, MD, MPH¹, Neil Sharma, MD², Mohamed Othman, MD³, Antonio Mendoza-Ladd, MD⁴, Shelagh Verco, PhD⁵, James Verco⁵, Gere diZerega, MD⁵; ¹Cedars-Sinai Medical Center, Los Angeles, CA, ²Parkview Health, Fort Wayne, IN, ³Baylor College of Medicine, Houston, TX, ⁴Texas Tech University Health Sciences Center, Paul L. Foster School of Medicine, El Paso, TX, ⁵US Biotest, Inc., San Luis Obispo, CA

30. Efficacy of Endoscopic Ultrasound Radiofrequency Ablation in the Treatment of Pancreatic Tumors: Is It Ready for Prime Time? A Systematic Review and Meta-Analysis

Amaninder Dhaliwal, MD¹, Banreet Dhindsa, MD², Jacqueline Choa, MD², Robin Jindal, MBBS³, Harlan Sayles, MS¹, Harmeet Mashiana, MD¹, Sindhura Kolli, MD⁴, Rajani Rangray, MD⁵, Ishfaq Bhat, MD¹, Shailender Singh, MD¹, Douglas G. Adler, MD, FACP⁶; ¹University of Nebraska Medical Center, Omaha, NE, ²University of Nevada Las Vegas School of Medicine, Las Vegas, NV, ³State University of New York at Buffalo, School of Medicine and Biomedical Sciences, Buffalo, NY, ⁴Brooklyn Hospital Center, Brooklyn, NY, ⁵Creighton University Medical Center, Omaha, NE, ⁶University of Utah School of Medicine, Salt Lake City, UT

31. Intrinsic Sex-Specific Differences in Inflammatory and Fibrotic Gene Expression and Remodeling Contribute to Male Disease Predisposition in Eosinophilic Esophagitis

★ *ACG/Radhika Srinivasan Gender-Based Research Award*

Quan M. Nhu, MD, PhD¹, Loan D. Duong, BS², Renee M. Rawson, BS², Robert O. Newbury, MD², Richard C. Kurten, PhD³, Ranjan Dohil, MD², Seema S. Aceves, MD, PhD²; ¹Scripps Clinic, Scripps Research, University of California San Diego, La Jolla, CA, ²University of California San Diego, La Jolla, CA, ³University of Arkansas for Medical Sciences, Little Rock, AR

ANNUAL SCIENTIFIC MEETING

Tuesday, October 29, 2019

32. Volumetric Laser Endomicroscopy Feature Discovery and Diagnostic Performance Optimization for Barrett's Esophagus Dysplasia Using Laser-Targeted Biopsies With Histopathologic Correlation

Cadman Leggett, MD¹, Arvind Trindade, MD², Matthew McKinley, MD³, Kenneth J. Chang, MD, FACC⁴, Jason Samarasena, MD, FACC⁵, Satish Singh, MD⁶, Hiroshi Mashimo, MD, PhD⁶, Michael S. Smith, MD, MBA⁷, Vincent Béchar, MASC⁸, Michael Vieth, MD⁹, Robert Odze, MD, FRCPC¹⁰, Gary J. Tearney, MD, PhD¹¹, Kenneth K. Wang, MD, FACC¹; ¹Mayo Clinic, Rochester, MN, ²Zucker School of Medicine at Hofstra/Northwell, New Hyde Park, NY, ³ProHealth Care Associates, New York, NY, ⁴University of California Irvine, Orange, CA, ⁵University of California Irvine Medical Center, Orange, CA, ⁶VA Boston Healthcare System, Boston, MA, ⁷Mount Sinai West and Mount Sinai St. Luke's Hospitals, New York, NY, ⁸Différence, S.E.N.C, Montreal, PQ, Canada, ⁹Bayreuth Medical Center, Bayreuth, Bayern, Germany, ¹⁰Pathology, LLC, Boston, MA, ¹¹Massachusetts General Hospital, Boston, MA

33. Multi-Center Randomized Trial Comparing Standard Forceps Biopsies to Wide-Area Transepithelial Sampling Brush for Finding Intestinal Metaplasia and Dysplasia in the Esophagus and Gastroesophageal Junction

Steven DeMeester, MD, FACC¹, Chris Smith, MD², Paul Severson, MD³, Blair Jobe, MD⁴, Phillip Woodworth, MD⁵, Christy Dunst, MD⁶; ¹The Oregon Clinic, Portland, OR, ²Albany Surgical, Albany, GA, ³Cayuna Regional Medical Center, Crosby, MN, ⁴Allegheny Health Network, Pittsburgh, PA, ⁵Mercy Health System, Rogers, AR, ⁶Oregon Clinic, Portland, OR

34. Cumulative Increase in the Prevalence of Esophageal Cancer in Patients With Gastroesophageal Reflux Disease (GERD) and Multiple Risk Factors

Omar A. Alaber, MD¹, Apoorva K. Chandar, MD, MPH², Gregory S. Cooper, MD³, Prashanthi N. Thota, MD⁴, Emad Mansoor, MD³, Amitabh Chak, MD²; ¹Case Western Reserve University School of Medicine, Cleveland, OH, ²University Hospitals Case Medical Center, Case Western Reserve University, Cleveland, OH, ³University Hospitals Cleveland Medical Center, Cleveland, OH, ⁴Digestive Disease Institute, Cleveland Clinic Foundation, Cleveland, OH

35. Endoscopic Submucosal Dissection vs. Endoscopic Mucosal Resection for Treatment of Barrett's Related Superficial Esophageal Neoplasia

Lady Katherine Mejia Perez, MD¹, Omar A. Alaber, MD², Salmaan Jawaid, MD³, Tiffany Chua, MD⁴, Praneeth Kudaravalli, MD⁵, Milad Pourmousavi Khoshknab, MD⁶, Neal Mehta, MD¹, Saowanee Ngamruengphong, MD⁷, John Vargo, MD, MPH¹, Sunguk Jang, MD¹, John Dumot, DO⁸, Moamen Gabr, MD, MSc⁵, Hiroyuki Aihara, MD⁹, Norio Fukami, MD⁴, Peter V. Draganov, MD, FACC¹⁰, Amitabh Chak, MD¹¹, Amit Bhatt, MD¹²; ¹Cleveland Clinic Foundation, Cleveland, OH, ²Case Western Reserve University School of Medicine, Cleveland, OH, ³University of Florida, Gainesville, FL, ⁴Mayo Clinic, Scottsdale, AZ, ⁵University of Kentucky College of Medicine, Lexington, KY, ⁶Johns Hopkins University Hospital, Baltimore, MD, ⁷Johns Hopkins Medicine, Baltimore, MD, ⁸University Hospitals of Cleveland, Cleveland, OH, ⁹Brigham and Women's Hospital, Boston, MA, ¹⁰University of Florida Health, Gainesville, FL, ¹¹University Hospitals Case Medical Center, Case Western Reserve University, Cleveland, OH, ¹²Cleveland Clinic, Cleveland, OH

36. Efficacy and Safety of AK002 in Adult Patients With Active Eosinophilic Gastritis and/or Eosinophilic Gastroenteritis: Primary Results From a Randomized, Double-Blind Placebo-Controlled Phase 2 Trial (ENIGMA Study)

Evan S. Dellon, MD, MPH, FACC¹, Kathryn A. Peterson, MD, MSc², Joseph A. Murray, MD, FACC³, Gary W. Falk, MD, FACC⁴, Nirmala Gonsalves, MD⁵, Mirna Chehade, MD, MPH⁶, John Leung, MD⁷, Robert M. Genta, MD⁸, Marc E. Rothenberg, MD, PhD⁹, Paneez Khoury, MD, MHS¹⁰, Adam C. Bledsoe, MD³, Camilla Shaw, RN¹¹, Henrik S. Rasmussen, MD, PhD¹¹, Bhupinder Singh, MD¹¹, Alan T. Chang¹¹, Amol P. Kamboj, MD¹¹, Ikuo Hirano, MD, FACC⁵; ¹University of North Carolina, Chapel Hill, NC; ²University of Utah, Salt Lake City, UT; ³Mayo Clinic Rochester, Rochester, MN; ⁴University of Pennsylvania, Philadelphia, PA; ⁵Northwestern University, Chicago, IL; ⁶Icahn School of Medicine at Mount Sinai, New York, NY; ⁷Tufts University, Boston, MA; ⁸Baylor College of Medicine, Houston, TX; ⁹Cincinnati Children's Hospital, Cincinnati, OH; ¹⁰NIAID/NIH, Bethesda, MD; ¹¹Allakos, Inc., Redwood City, CA

10:00 am – 4:30 pm **Exhibit Hall Open**
📍 Exhibit Halls 3 and 4 (Street Level)

10:05 am – 4:30 pm **Hands-On Endoscopy Workshop Center**
📍 Exhibit Halls 3 and 4 (Street Level)

10:05 am – 10:35 am **J. Edward Berk Distinguished Lecture Post-Colonoscopy Colorectal Cancer: How Are We Doing?**
📍 Stars at Night Ballroom - B2
Linda Rabeneck, MD, MPH, MACG
Introduced by: Sunanda V. Kane, MD, MSPH, FACC, ACG President
Discuss the incidence and causes of post-colonoscopy colorectal cancer and review approaches to reducing its risk in clinical practice.
See page 23 for more information.

10:30 am – 4:00 pm **Scientific Poster Session Open**
📍 Exhibit Halls 3 and 4 (Street Level)

10:35 am – 11:30 am **Break – Visit the Exhibit Hall and Browse Scientific Posters**
📍 Exhibit Halls 3 and 4 (Street Level)

10:35 am – 11:30 am **Exhibitor Theater**
📍 Exhibit Halls 3 and 4 (Street Level)
Sponsored by AbbVie
See page 313 for more information.

SIMULTANEOUS SYMPOSIA – SESSION 3 – Choose from 3
11:30 am – 12:45 pm

SYMPOSIUM 3A: Optimizing the Quality of Your Colonoscopy

📍 Stars at Night Ballroom - B1

Moderator: Tonya R. Kaltenbach, MD, MS, FACC

• **Quality Metrics for Colonoscopy**

David A. Greenwald, MD, FACC

Define quality metrics that are associated with colorectal cancer screening.

• **Techniques and New Technology to Improve ADR**

Tonya R. Kaltenbach, MD, MS, FACC

Discuss techniques and technologies to increase adenoma detection rate.

• **Optimizing Prep for Colonoscopy – Altering the Paradigm**

Philip S. Schoenfeld, MD, MSc, MEd, MSc (Epi)

Identify the new paradigms in colonoscopy prep including a low residual diet, split prep, and more.

SYMPOSIUM 3B: Update on Fatty Liver Disease

📍 Stars at Night Ballroom - B2

Moderator: Manal F. Abdelmalek, MD, MPH, FACC

• **Epidemiology of NAFLD/NASH**

Fasiha Kanwal, MD, MSHS

Summarize the epidemiology of NAFLD/NASH and define their diagnostic criteria.

• **Non-Invasive Diagnosis and Staging of NAFLD/NASH**

Manal F. Abdelmalek, MD, MPH, FACC

Compare non-invasive staging techniques for NAFLD/NASH.

• **Current and Upcoming Treatment of NAFLD/NASH**

Naim Alkhouri, MD

Appraise the various treatment modalities for NAFLD/NASH.

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SYMPOSIUM 3C: Can You Stomach These Topics?

📍 Stars at Night Ballroom - B4

Moderator: Baharak Moshiree, MD, FACC

- **Gastroparesis and Functional Dyspepsia: Same or Different?**
Baharak Moshiree, MD, FACC
Summarize current evidence related to the management of gastroparesis and functional dyspepsia.
- **Current Concepts on *H. pylori* Infection and Gastric Intestinal Metaplasia**
Joo Ha Hwang, MD, PhD
Appraise recent guidelines and evidence regarding the management of *H. pylori* infection and gastric intestinal metaplasia.
- **Why, With Whom, When, and How to Stop Long-Term PPI Use**
Colin W. Howden, MD, FACC
Discuss current evidence surrounding the effects of long-term PPI therapy and translation into clinical practice.

12:45 pm – 2:15 pm Lunch Break – Visit the Exhibit Hall and Browse Scientific Poster

📍 Exhibit Halls 3 and 4 (Street Level)
Concession stands will be open in the exhibit hall.

12:45 pm – 1:20 pm Exhibitor Theater

📍 Exhibit Halls 3 and 4 (Street Level)
Sponsored by Takeda Pharmaceuticals U.S.A., Inc.
See page 313 for more information.

1:00 pm – 2:15 pm Scientific Poster Session - Authors Present and Poster Rounds With the Experts

📍 Exhibit Halls 3 and 4 (Street Level)
See page 179 for more information.

1:40 pm – 2:15 pm Exhibitor Theater

📍 Exhibit Halls 3 and 4 (Street Level)
Sponsored by RedHill Biopharma, Inc.
See page 313 for more information.

SIMULTANEOUS PLENARY SESSION 3 – Choose from 2
2:15 pm – 3:45 pm

PLENARY SESSION 3A – IBD / FUNCTIONAL

📍 Stars at Night Ballroom - B2

Moderators: Brooks D. Cash, MD, FACC, and Millie D. Long, MD, MPH, FACC

37. Peripartum Exposure to Biologic Therapy Does Not Impact Wound Healing After Cesarean Section in Women With Inflammatory Bowel Disease

Aiya Aboubakr, MD, Alexa Riggs, MPH, Maria Mella, MD, Marla C. Dubinsky, MD; Icahn School of Medicine at Mount Sinai, New York, NY

38. Hyperbaric Oxygen Therapy Is Effective in the Treatment of Inflammatory Disorders of the Ileal Pouch

Hamna Fahad, MD, MBBS¹, Bo Shen, MD, FACC¹, Gursimran Kochhar, MD²; ¹Cleveland Clinic Foundation, Cleveland, OH, ²Allegheny Health Network, Pittsburgh, PA

39. Clinical Prediction Model and Decision Support Tool for Ustekinumab in Crohn's Disease

★ ACG Auxiliary Award (Member)

Parambir Dulai, MD¹, Leonard Guizzetti, PhD², Tony Ma³, Vipul Jairath, BSc, MBBCh, PhD, MRCP (UK)⁴, Siddharth Singh, MD¹, Brian G. Feagan, MD, MSc, FACC², Christopher Gasink, MD⁵, Antonio Pires, PhD, MSc⁵, William J. Sandborn, MD, FACC¹; ¹University of California San Diego, La Jolla, CA, ²Robarts Clinical Trials, London, ON, Canada, ³Janssen Research & Development, LLC, Spring House, PA, ⁴Robarts Clinical Trials, Western University, London, ON, Canada, ⁵Janssen Scientific Affairs, LLC, Horsham, PA

40. Clinical Effectiveness of First-Line Anti-TNF Therapies and Second-Line Anti-TNF Therapy Post-Vedolizumab Discontinuation in Patients With Ulcerative Colitis or Crohn's Disease

Brian Bressler, MD, MS, FRCPC¹, Andres Yarur, MD², Uri Kopylov, MD, FEBGH³, Marielle Bassel, BSc⁴, Neil R. Brett, PhD⁴, Trevor Lissos, MBBCh, FACC⁵, Claudia Lopez, MSc⁵, Athanasios Natsios, MD, PhD⁶, Sumit Saha, PhD⁷, Christina Kifnidi, MSc⁸, Dirk Demuth, PhD, BSc⁹, Haridarshan Patel, PharmD¹⁰, Gerassimos J. Mantzaris, MD, PhD¹¹; ¹University of British Columbia, Vancouver, BC, Canada, ²Medical College of Wisconsin, Milwaukee, WI, ³Sheba Medical Center, Ramat Gan, Tel Aviv, Israel, ⁴Evidera, Montreal, PQ, Canada, ⁵Takeda Pharmaceuticals U.S.A., Inc., Deerfield, IL, ⁶Takeda Hellas S.A., Athens, Attiki, Greece, ⁷Takeda Canada Inc, Oakville, ON, Canada, ⁸Takeda Hellas S.A., Athens, Attiki, Greece, ⁹Takeda Pharmaceutical International AG, Singapore, Singapore, ¹⁰Takeda Pharmaceuticals International, Inc., Chicago, IL, ¹¹Evangelismos Hospital, Athens, Attiki, Greece

41. A Multimodal Intervention Reduces Intravenous Opioid Exposure Among Hospitalized Patients With Inflammatory Bowel Disease

Rahul S. Dalal, MD¹, Sonali Palchoudhuri, MD², Christopher Snider, MPH³, Yevgeniy Gitelman, MD⁴, Mihir Brahmabhatt, MD³, Nikhil Mull, MD⁴, Shivan Mehta, MD, MBA, MSHP⁴, Christopher Klock, MBA⁵, James Lewis, MD, MSCE⁴, Gary R. Lichtenstein, MD, FACC⁶; ¹Brigham and Women's Hospital, Boston, MA, ²University of Pennsylvania, Philadelphia, PA, ³Penn Medicine Center for Health Care Innovation, University of Pennsylvania, Philadelphia, PA, ⁴Hospital of the University of Pennsylvania, Philadelphia, PA, ⁵Penn Medicine Academy, Philadelphia, PA, ⁶Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA

42. Outcomes in Geriatric Patients Admitted for IBD Management: A National Study

Jeffrey Schwartz, MD¹, Brian Li, MD¹, Daniel J. Stein, MD, MPH¹, Joseph Feuerstein, MD²; ¹Beth Israel Deaconess Medical Center, Boston, MA, ²Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA

43. Human Milk Oligosaccharides Improve All the Central Symptoms of Irritable Bowel Syndrome: A Multi-Center, Open Label Trial

★ International Award

Olafur S. Palsson, PsyD¹, Anne Peery, MD¹, Dorthe Seitzberg, PhD², Ingvild D. Amundsen, MSc², Bruce McConnell, MSc, MBA², Magnus Simrén, MD, PhD³; ¹University of North Carolina, Chapel Hill, NC, ²Glycom A/S, Hoersholm, Hovedstaden, Denmark, ³Sahlgrenska University Hospital, Gothenburg, Vastra Gotaland, Sweden

44. Effects of Eluxadoline on a Range of Bowel and Abdominal Symptoms in Patients With Irritable Bowel Syndrome With Diarrhea who Report Inadequate Symptom Control With Loperamide

Darren M. Brenner, MD¹, Gregory S. Sayuk, MD, MPH², Steven J R Elmes, PhD³, Mazen Saeed, PharmD³, William D. Chey, MD, FACC⁴; ¹Northwestern University Feinberg School of Medicine, Chicago, IL, ²Washington University School of Medicine and St. Louis VA Medical Center, St. Louis, MO, ³Allergan plc, Madison, NJ, ⁴Michigan Medicine, University of Michigan, Ann Arbor, MI

45. Efficacy of Biofeedback Therapy for Dyssynergic Constipation Among Elderly Patients

★ Fellows-in-Training Award (Functional Bowel Disease Category)

Samantha Spilman, MD, MS¹, Roopali Gupta, MD¹, David Kunkel, MD²; ¹University of California San Diego, San Diego, CA, ²University of California San Diego, La Jolla, CA

PLENARY SESSION 3B – LIVER / GI BLEEDING

📍 Stars at Night Ballroom - B4

Moderators: Ira M. Jacobson, MD, FACC, and Patrick E. Young, MD, FACC

46. Low Incidence of Bleeding Complications in Patients With Cirrhosis Undergoing Transesophageal Echocardiography: A Systematic Review and Meta-Analysis

★ Category Award (Liver)

Mobolaji Odewole, BS, MPH, Ahana Sen, MD, Arjmand R. Mufti, MD, Deepak Agrawal, MD, Anh D. Nguyen, MD, Amit G. Singal, MD, MS, Nicole E. Rich, MD; University of Texas Southwestern Medical Center, Dallas, TX

ANNUAL SCIENTIFIC MEETING

Tuesday and Wednesday October 29-30, 2019

47. Simultaneous Biliary and Liver Parenchymal Evaluation in Post Liver-Transplant Population Using Endoscopic Ultrasound-Guided Liver Biopsy and Endoscopic Retrograde Cholangiopancreatography in a Single Session Approach

Daniel J. Ellis, MD, George Therapondos, MBChB, Janak N. Shah, MD, Ari Cohen, MD, Gretchen E. Galliano, MD, Ricardo V. Romero, MD, John A. Evans, MD, Sunayana Udaya Kumar, MBBS, MPH, Abdul El Chafic, MD; Ochsner Medical Center, New Orleans, LA

48. Prevalence Rate of Colorectal Cancer in Various Chronic Liver Disease Groups in the United States Between 2014 and 2019: A Population-Based Study

Adrian Lindsey, MD, Patel Jit, MD; University Hospitals Case Medical Center, Case Western Reserve University, Cleveland, OH

49. Hepatocellular Carcinoma and Intrahepatic Cholangiocarcinoma in the U.S.: Exploring Trends Since 2001

Anas Raed, MD¹, Jigar Bhagatwala, MBBS¹, Amit Hudgi, MD², Muhammed Sherid, MD¹, Humberto Sifuentes, MD³, Amol Sharma, MBBS¹, Subbaramiah Sridhar, MD²; ¹Augusta University, Augusta, GA, ²Georgia Medical College / Augusta University, Augusta, GA, ³Medical College of Georgia at Augusta University, Augusta, GA

50. Factors Leading to Discordance Between Vibration-Controlled Transient Elastography and Liver Biopsy in Patients With Non-Alcoholic Fatty Liver Disease

Hamna Fahad, MD, MBBS, Brittany Mitchell, MD, Talal Sarmini, MD, Tavankit Singh, MD, Arthur J. McCullough, MD; Cleveland Clinic Foundation, Cleveland, OH

51. A Step-Wise Approach to Non-Invasive Diagnosis of Advanced Fibrotic Disease in NAFLD

Hamna Fahad, MD, MBBS, Brittany Mitchell, MD, Talal Sarmini, MD, Tavankit Singh, MD, Arthur J. McCullough, MD; Cleveland Clinic Foundation, Cleveland, OH

52. Resuming Anticoagulation Following Hospitalization for Gastrointestinal Bleeding Is Associated With Reduced Thromboembolic Events and Improved Mortality: Results From a Systematic Review and Meta-Analysis

Natalie Tapaskar, MD¹, Alice Pang, MD², Neil Sengupta³; ¹The University of Chicago, Chicago, IL, ²New York University Langone, New York, NY, ³University of Chicago Medical Center, Chicago, IL

53. The Efficacy and Safety of Andexanet Alfa in Patients With Acute Gastrointestinal Bleeding While Taking Factor Xa Inhibitors: An ANNEXA-4 Sub-Analysis

Deborah Siegal, MD, MSc¹, Jan Beyer-Westendorf, MD², Patrick Yue, MD³, Sonia Souza, PhD³, Juliet Nakamya, PhD¹, Stuart J. Connolly, MD¹, Mark Crowther, MD¹; ¹McMaster University, Hamilton, ON, Canada, ²University Hospital Carl Gustav Carus Dresden, Dresden, Sachsen, Germany, ³Portola Pharmaceuticals, Inc., South San Francisco, CA

3:45 pm – 4:30 pm Break – Visit Exhibit Hall and Browse Scientific Posters

📍 Exhibit Halls 3 and 4 (Street Level)

4:30 pm – 5:00 pm Emily Couric Memorial Lecture Early Detection of Pancreatic Cancer: Problems, Promise, and Prospects

📍 Stars at Night Ballroom - B2

Suresh T. Chari, MD, FACP

Introduced by: Sunanda V. Kane, MD, MSPH, FACP, ACG President

Define “early” detection, recognize its benefits, and identify barriers to early detection. See page 23 for more information.

5:00 pm – 5:10 pm Break

SIMULTANEOUS SYMPOSIA – SESSION 4 – Choose from 2

5:10 pm – 6:25 pm

SYMPOSIUM 4A: Barrett’s Esophagus: New Developments and Updates

📍 Stars at Night Ballroom - B2

Moderator: Vani J.A. Konda, MD, FACP

• Tools to Enhance Dysplasia Detection in Barrett’s Esophagus

Vani J.A. Konda, MD, FACP

Explain the role of newer sampling and imaging technologies to improve dysplasia detection in BE.

• New Options for Endoscopic Therapy of Barrett’s Esophagus-Related Dysplasia and Neoplasia: Will RFA and EMR Be Replaced?

Neil Gupta, MD

Discuss the role of ESD, balloon cryotherapy, hybrid APC (argon plasma coagulation), etc.

• What Happens After Successful Ablation and Complete Remission of Intestinal Metaplasia? Can Surveillance Be Discontinued?

Prasad G. Iyer, MD, MS, FACP

Identify new data on recurrence rates, timelines, and patterns after complete remission of intestinal metaplasia, and the implications on recommendations for surveillance in the post-ablation state.

SYMPOSIUM 4B: Complicated Cases in Acute and Chronic Pancreatitis

📍 Stars at Night Ballroom - B4

Moderator: Timothy B. Gardner, MD, MS, FACP

Panelists: Vanessa M. Shami, MD, FACP, and Santhi S. Vege, MD, MACG

Recognize management strategies in patients with severe necrotizing pancreatitis, idiopathic recurrent acute pancreatitis, and painful chronic pancreatitis using a case-based format.

6:25 pm Annual Scientific Meeting Adjourns for the Day

📍 WEDNESDAY, OCTOBER 30, 2019

6:45 AM – 12:15 PM

6:30 AM – 12:15 PM Registration Open

OPTIONAL BREAKFAST SESSIONS – Choose from 3

6:45 am – 8:15 am

(\$60 per person per breakfast. Visit the Registration Desk in the Main Lobby (Street Level) to register for a Breakfast Session, however, these events may be sold out.)

BREAKFAST M: Non-Medical Management of IBS and IBD

Moderator: Edith Y. Ho, MD, MS, FACP

• Behavioral Therapy in IBS and IBD

Megan E. Riehl, PsyD

Discuss behavioral therapy in the management of IBS and IBD.

• Dietary Management in IBS and IBD

Edith Y. Ho, MD, MS, FACP, and Gabriela Gardner, RDN-AP, LD, CNSC

Describe the evidence surrounding different dietary approaches to managing IBS and IBD.

• Other CAM: Plants, Needles, Electricity, and More

Linda Anh B. Nguyen, MD

Outline the approach to implementing complementary and alternative medicine into clinical practice.

ANNUAL SCIENTIFIC MEETING

Wednesday, October 30, 2019

BREAKFAST N: Non-IBD Colitides

Moderator: Lisa L. Strate, MD, MPH, FACG

• Checkpoint Inhibitor Colitis

Shilpa Grover, MD, MPH

Describe the clinical presentation, diagnosis, and management of checkpoint inhibitor colitis.

• SUDD and SCAD

Lisa L. Strate, MD, MPH, FACG

Analyze the data in support of symptomatic uncomplicated diverticular disease (SUDD) and segmental colitis associated with diverticulosis (SCAD) as distinct clinical entities, and review the management options.

• Ischemia and Microscopic Colitis

Neil H. Stollman, MD, FACG

Discuss ischemia and microscopic colitis and how to recognize, diagnose, and treat them.

BREAKFAST O: Eosinophilic Esophagitis: Key Updates and Optimal Management

Moderator: Nicholas J. Shaheen, MD, MPH, FACG

• Eosinophilic Esophagitis in Children and Adolescents:

Implications for the Future

Calies D. Menard-Katcher, MD

Describe the epidemiology and clinical presentation of pediatric EoE, and discuss the transition of patients from pediatric to adult care, and the implications for adult care.

• Diagnosing Eosinophilic Esophagitis: Current Guidelines and Key Developments

Nicholas J. Shaheen, MD, MPH, FACG

Evaluate new guidelines for EoE and how they will impact PPI utilization, and discuss the new technologies and how they will affect diagnostic algorithms.

• Selecting the Ideal Treatment Option for Your Patient With Eosinophilic Esophagitis

Kristle L. Lynch, MD

Discuss the current standard of care for EoE treatment and emerging therapies.

8:30 am - 12:15 pm Annual Scientific Meeting

SIMULTANEOUS PLENARY SESSION 4 – Choose from 2

8:30 am – 10:15 am

PLENARY SESSION 4A – IBD / STOMACH / SMALL INTESTINE

Stars at Night Ballroom - B2

Moderators: Jessica R. Allegretti, MD, MPH, and Samir A. Shah, MD, FACG

55. A Quality Improvement Initiative to Reduce Insurance-Related Delays in Patient Access to Biologic Therapies for Inflammatory Bowel Disease

Ellen J. Scherl, MD, FACG¹, Kristina I. Fajardo, MS², Laura Simone, PhD², Jeff Carter, PhD², Tamar Sapir, PhD², Stevie Yang, BA³, Jonathan S. Galati, BS³, Fatiha Chabouni, MD³, Brian Krichevsky, MBA, MS, BS³, Carl V. Crawford, MD⁴; ¹New York-Presbyterian / Weill Cornell Medical Center, New York, NY, ²PRIME Education, Fort Lauderdale, FL, ³Jill Roberts Center for Inflammatory Bowel Disease, Weill Cornell Medical College, New York, NY, ⁴Weill Cornell Medicine, New York, NY

56. Effects of Ustekinumab Maintenance Therapy on Endoscopic Improvement and Histologic Improvement in the UNIFI Phase 3 Study in Ulcerative Colitis

Katherine Li, PhD¹, Joshua R. Friedman, PhD¹, Colleen Marano, PhD¹, Hongyan Zhang, PhD¹, Feifei Yang, PhD¹, William J. Sandborn, MD, FACG², Bruce E. Sands, MD, FACG³, Brian G. Feagan, MD, MSc, FACG⁴, Laurent Peyrin-Biroulet, MD, PhD⁵, Gert De Hertogh, MD⁶; ¹Janssen Research & Development, LLC, Spring House, PA, ²University of California San Diego, La Jolla, CA, ³Icahn School of Medicine at Mount Sinai, New York, NY, ⁴Robarts Clinical Trials, London, ON, Canada, ⁵Lorraine University, Vandoeuvre-lès-Nancy, Lorraine, France, ⁶University Hospitals, Leuven, Vlaams-Brabant, Belgium

57. Endoscopic Stricturotomy in the Treatment of Anal Stricture in Patients With Fecal Diversion

Nan Lan, Bo Shen, MD, FACG; Cleveland Clinic Foundation, Cleveland, OH

58. RHB-104, a Fixed-Dose, Oral Antibiotic Combination Against *Mycobacterium Avium Paratuberculosis* (MAP) Infection, Is Effective in Moderately to Severely Active Crohn's Disease

David Y. Graham, MD, MACG¹, Saleh A. Naser, PhD², Elliot Offman, PhD³, Nastya Kassir, PharmD, PhD³, Robert Hardi, MD⁴, Thomas Welton, MD⁵, Grazyna Rydzewska, MD, PhD⁶, Beata Stepień, MD, PhD⁶, Tomasz Arlukowicz, MD, PhD⁷, Anna Wos, MD, PhD⁷, Clara Fehrmann, MS⁸, Patricia Anderson, MSc⁹, Aida Bibliowicz, MSc, MBA¹⁰, Patrick McLean, BS¹⁰, Reza Fathi, PhD¹⁰, M. Scott Harris, MD, MS¹¹, Ira N. Kalfus, MD¹⁰; ¹Baylor College of Medicine, Houston, TX, ²University of Central Florida College of Medicine, Orlando, FL, ³Certara, Princeton, NJ, ⁴Capitol Research, Rockville, MD, ⁵Cotton-O'Neil Clinical Research Center, Topeka, KS, ⁶CSK MSWiA, Warsaw, Mazowieckie, Poland, ⁷University of Warmia and Mazury, Olsztyn, Warminsko-Mazurskie, Poland, ⁸RedHill Biopharma, Ltd., Pointe-Claire, PQ, Canada, ⁹RedHill Biopharma, Ltd., Brampton, ON, Canada, ¹⁰RedHill Biopharma, Ltd., Tel Aviv, Tel Aviv, Israel, ¹¹Middleburg Consultants, Takoma Park, MD

59. Incidence of Venous Thromboembolic Events in Patients With Ulcerative Colitis Treated With Tofacitinib in the Ulcerative Colitis Clinical Development Program

William J. Sandborn, MD, FACG¹, Julian Panés, MD, PhD², Bruce E. Sands, MD, FACG³, Walter Reinisch, MD⁴, Chinyu Su, MD⁵, Nervin Lawendy, PharmD⁵, Nana Koram, PhD, MPH⁶, Haiyun Fan, MS⁵, Thomas V. Jones, MD, MPH⁵, Irene Modesto, MD, PhD⁷, Daniel Quirk, MD, MPH, MBA⁵, Silvio Danese, MD, PhD⁸; ¹University of California San Diego, La Jolla, CA, ²Hospital Clínic de Barcelona, IDIBAPS, CIBERehd, Barcelona, Catalonia, Spain, ³Icahn School of Medicine at Mount Sinai, New York, NY, ⁴Medical University of Vienna, Wien, Austria, ⁵Pfizer Inc, Collegeville, PA, ⁶Pfizer Inc, New York, NY, ⁷Pfizer, Madrid, Spain, ⁸Humanitas University, Milan, Lombardia, Italy

60. Black and White Patients With Inflammatory Bowel Disease Demonstrate Similar Biologic Use Patterns With Medicaid Insurance

Edward L. Barnes, MD, MPH¹, Robert Sandler, MD, MPH¹, Michael Kappelman, MD, MPH¹, Millie D. Long, MD, MPH, FACG²; ¹University of North Carolina, Chapel Hill, NC, ²University of North Carolina, Center for Gastrointestinal Biology and Disease, Chapel Hill, NC

61. The Impact of In-Hospital Palliative Unit on Percutaneous Gastrostomy Practice, Volume, and Outcomes

★ Category Award (General Endoscopy)

Harish Patel, MD¹, Jasbir Makker, MD¹, Hassan Tariq, MD¹, Rafeeq Ahmed, MD¹, Kishore Kumar, MD¹, Chukwunonso U. Chime, MD¹, Madhavi Ravi, MD¹, Hafsa Abbas, MD¹, Ahmed Baiomi, MD¹, Danial Shaikh, MD², Shehriyar Meher Shahi, MD², Bhavna Balar, MD¹, Sridhar Chilimuri, MD¹; ¹BronxCare Health System, Bronx, NY, ²Bronx Lebanon Hospital Center, Bronx, NY

62. The Socioeconomic Impact on Presentation and Clinical Course of Celiac Disease

★ Fellows-in-Training Award (Small Intestine Category)

Christopher Cao, MD¹, Peter Block, MD², Madeline Russell³, Devayu Parikh³, Justin Robbins, MD², Priyanka Kumar³, Allison David, BS¹, Anthony J. DiMarino, MD², Stephanie Moleski, MD²; ¹Thomas Jefferson University, Philadelphia, PA, ²Thomas Jefferson University Hospital, Philadelphia, PA, ³Thomas Jefferson University School of Medicine, Philadelphia, PA

63. Rifabutin (RHB-105) Based Triple Therapy for *Helicobacter pylori* (HP) Infection Eradication: Results of Pivotal Phase 3 Multi-Center Study (ERADICATE Hp2)

★ Category Award (Stomach)

David Y. Graham, MD, MACG¹, Yamil Canaan, MD², James Maher, MD³, Gregory Weiner, MD⁴, Ira N. Kalfus, MD⁵; ¹Baylor College of Medicine, Houston, TX, ²Jessican Medical Research, Miami, FL, ³Katy Stomach Doctor, Houston, TX, ⁴GW Research, Chula Vista, CA, ⁵RedHill Biopharma, Ltd., Tel Aviv, Israel

ANNUAL SCIENTIFIC MEETING

Wednesday, October 30, 2019

PLENARY SESSION 4B – COLON / OBESITY / ENDOSCOPY

☛ Stars at Night Ballroom - B4

Moderators: Jonathan A. Leighton, MD, FACC, and Violeta B. Popov, MD, PhD, FACC

65. Microscopic Colitis and Risk of Colon Adenomas: A Multicenter Retrospective Cohort Study

Amrit K. Kamboj, MD¹, Haley Zylberberg, MD², Conor Lane, MBChB¹, Gretchen Colbenson, MD³, Nicole DeCuir, MD², Ryan Lennon¹, Sahil Khanna, MBBS, MS¹, Benjamin Lebwohl, MD, MS², Darrell Pardi, MD, MS, FACC¹; ¹Mayo Clinic, Rochester, MN, ²Columbia University Medical Center, New York, NY, ³Mayo School of Graduate Medical Education, Rochester, MN

66. Opioid Use Are Independently Associated With Rectal Hyposensitivity and Dyssynergic Defecation in Chronic Constipation

Nayna Lodhia, MD, Laura Horton, MD, Alison Goldin, MD, Walter W. Chan, MD, MPH; Brigham and Women's Hospital, Boston, MA

67. Multidisciplinary Quality Improvement Initiative to Reduce Bowel Complications in Post-Operative Orthopedic Patients

★ Category Award (Colon)

Melissa Latorre, MD, MS¹, Michelle Meneses, MS, ANPGNP-BC¹, Nancy Arbuh, DNP, ANP-BC, ONC¹, Abidemi Adenikinju, MD¹, Amy Wasterlain, MD², Stephanie Swensen, MD³; ¹New York University Langone Health, New York, NY, ²Rothman Orthopaedic Institute, Philadelphia, PA, ³Hospital for Special Surgery, New York, NY

68. Single Day Low Residue Diet Prior to Colonoscopy Shows Improved Bowel Preparation Quality and Patient Tolerance Over Clear Liquid Diet: Final Results From a Randomized, Single-Blinded, Dual Center Study

Jason Samarasekera, MD, FACC¹, Nabil El Hage Chehade, MD¹, Allen Yu, MD¹, Elise Tran¹, Daniel Mai¹, Daniel Thieu, BSc¹, Nimisha K. Parekh, MD, MPH¹, William Karnes, MD², Kenneth J. Chang, MD, FACC², Mazen Jamal, MD, MPH¹; ¹University of California Irvine Medical Center, Orange, CA, ²University of California Irvine, Orange, CA

69. Investigating the Impact of Ambient Lighting on Adenoma Detection Rate and Eye Fatigue During Screening Colonoscopy

Ryan T. Hoff, DO, Andrew Mazulis, MD, Meghana Doniparthi, MD, Assad Munis, DO, Anne Rivelli, MA, MPH, Asif Lakha, MD, Eli Ehrenpreis, MD; Advocate Lutheran General Hospital, Park Ridge, IL

70. Underwater versus Conventional Endoscopic Mucosal Resection for the Treatment of Colorectal Laterally Spreading Tumors: Results From an International, Multicenter, Randomized Controlled Trial

Chris Hamerski, MD¹, Jason Samarasekera, MD, FACC², David P. Lee, MD, MPH², Andrew Y. Wang, MD, FACC³, Daniel Strand, MD³, Arnaldo Amato, MD⁴, Rabindra Watson, MD¹, Andrew Nett, MD¹, Jona Calitis¹, Kenneth Binmoeller, MD¹; ¹California Pacific Medical Center, San Francisco, CA, ²University of California Irvine Medical Center, Orange, CA, ³University of Virginia Digestive Health Center, Charlottesville, VA, ⁴Congregazione Suore Infermiere dell'Addolorata - Ospedale Valduce, Como, Campania, Italy

71. A Survey of Peri-Colonoscopy Management of Anti-Diabetic Medications

★ Fellows-in-Training Award (General Endoscopy Category)

Byeori Lee, MD, Deepanshu Jain, MD, Michael Rajala, MD; Albert Einstein Medical Center, Philadelphia, PA

72. Impact of Weight Parameters on Colorectal Cancer Survival: A Systematic Review and Meta-Analysis

★ Fellows-in-Training Award (Obesity Category)

Vita Jaspán, BA¹, Kevin Lin, BA¹, Evan Wilder, MD¹, Steven Chang, MD², Violeta Popov, MD, PhD, FACC³; ¹New York University School of Medicine, New York, NY, ²New York University Langone Health, New York, NY, ³VA New York Harbor Health System, New York, NY

73. Use of Artificial Intelligence to Reduce Radiation Exposure at Fluoroscopy-Guided Endoscopic Procedures

Ji Young Bang, MD, MPH, Matthew Hough, MS, Robert Hawes, MD, Shyam Varadarajulu, MD; Center for Interventional Endoscopy, AdventHealth Orlando, Orlando, FL

10:15 am – 10:20 am Break

10:20 am – 10:50 am David Y. Graham Lecture Mentoring Mentors

☛ Stars at Night Ballroom - B2

Stephen B. Hanauer, MD, FACC

Introduced by: Sunanda V. Kane, MD, MSPH, FACC, ACG President

Discuss attributes of mentoring towards leadership roles in gastroenterology. See page 23 for more information.

10:50 am – 11:00 am Break

SIMULTANEOUS SYMPOSIA – SESSION 5 – Choose from 2

11:00 am – 12:15 pm

SYMPOSIUM 5A: Monitoring Therapies in IBD: So You Started Treatment, Now What Do You Do?

☛ Stars at Night Ballroom - B4

Moderator: Bincy P. Abraham, MD, FACC

• Treat-to-Target 2019: Is It Really the Target or the Process?

Edward V. Loftus, Jr., MD, FACC

Identify the right target for the right patient based on patient and disease-related risk factors.

• Therapeutic Drug Monitoring: Is It For Everyone?

Bincy P. Abraham, MD, FACC

Formulate strategies for serial disease activity monitoring.

• Withdrawing Medications: I Feel Great, Now When Can I Stop?

David P. Hudesman, MD

Describe clinical scenarios where de-escalation may be appropriate.

SYMPOSIUM 5B: Topics in Cirrhosis and Portal Hypertension

☛ Stars at Night Ballroom - B2

Moderator: Ira M. Jacobson, MD, FACC

• Management of Gastroesophageal Varices

Ira M. Jacobson, MD, FACC

Discuss the management of gastroesophageal varices including prophylactic, active, and post-bleeding therapies.

• Update on the Management of Ascites and Its Complications

Arun J. Sanyal, MD

Assess the diagnosis and management of ascites and its complications, including spontaneous bacterial peritonitis and hepatorenal syndrome.

• Liver Transplant Update for the Gastroenterologist

Kimberly A. Brown, MD

Describe the current allocation system and evolving indications for liver transplant.

12:15 pm Annual Scientific Meeting Adjourns

ANNUAL SCIENTIFIC MEETING

Faculty Listing & Disclosures

FACULTY LISTING AND DISCLOSURE INFORMATION

The American College of Gastroenterology (ACG) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. ACG, as an ACCME accredited provider, ensures balance, independence, objectivity, and scientific rigor in all of its directly and jointly provided education activities. All who are in a position to control the content of an education activity (including their spouse or partner) are required to disclose to ACG all relevant financial relationships in any amount occurring in the past 12 months with any commercial interest that may create a conflict of interest related to the subject matter of an education activity. Safeguards against commercial bias have been put in place by ACG. Anyone who refuses to disclose relevant financial relationships will be disqualified. ACG ensures any conflicts of interest are resolved before the educational activity occurs and discloses all relevant financial relationships to the learners prior to the beginning of an education activity.

ACG staff involved with this activity have nothing to disclose. Faculty have noted the following relationships related to their Annual Scientific Meeting presentations.

FACULTY

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Consultant: Allergan, Bristol-Myers Squibb
Grant/Research Support: Alexion, Allergan, Boehringer Ingelheim, Bristol-Myers Squibb, Conatus, Galectin Pharmaceuticals, Galmed Pharmaceuticals, Genfit, Gilead, Intercept, Madrigal, NGM Pharmaceuticals, Novartis, Novo Nordisk, Poxel, Prometheus, Taiwan J Pharmaceuticals

Bincy P. Abraham, MD, FACC
Associate Professor of Clinical Medicine, Weill Cornell Medical College; Adjunct Associate Professor of Internal Medicine, Texas A&M University, College of Medicine; Director, Gastroenterology Fellowship Program, Houston Methodist; Distinguished Professor and Director, Underwood Center - Fondren Inflammatory Bowel Disease Program, Houston Methodist, Houston, TX
Advisory Committee/Board Member: Janssen, Takeda
Consultant: Pfizer, UCB
Grant/Research Support: AbbVie, Janssen, Takeda, UCB
Speakers Bureau: AbbVie, Janssen, Pfizer, Takeda, UCB

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Grant/Research Support: Eli Lilly Pharmaceuticals, Pfizer, Prometheus Laboratories, Takeda Pharmaceuticals
Speakers Bureau: Cornerstones Health, Inc., Focus Medical Communications, Imedex, Prometheus Laboratories, Takeda Pharmaceuticals, Vindico Medical Education

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Grant/Research Support: Finch Therapeutics, Merck

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Professor of Medicine and Surgery, Albert Einstein College of Medicine; Emeritus Chief of Gastroenterology, Montefiore Hospital, Bronx, NY
Dr. Brandt has indicated no relevant financial relationships.

Kimberly A. Brown, MD
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Grant/Research Support: Novo Nordisk

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Dr. Abdelmalek – GLP-2 agonists, PPAR agonist, statin therapy

Dr. Alkhouri – vitamin E, pioglitazone, obeticholic acid

Dr. Dunbar – Possible discussion of twice daily PPI dosing for GERD (FDA approval is daily dosing). There are no FDA approved alternative/complementary meds for GERD, so all discussion of these will be off-label.

Dr. Hanauer – infliximab, adalimumab, vedolizumab, azathioprine, mercaptopurine, methotrexate, ustekinumab

Dr. Kelly – There are NO approved medications or devices for celiac disease. Steroid use may be mentioned as an off-label medication.

Dr. Menard-Katcher – budesonide, fluticasone, endoluminal functional lumen imaging probe

Dr. Moshiree – prucalopride, gastric electrical stimulator, relamorelin, domperidone

Dr. Nguyen – buspirone, non-invasive vagus nerve stimulator, peppermint, pyridostigmine, turmeric

Dr. Schoenfeld – polyethylene glycol 3350 and sports drink bowel preparation

Dr. Schulman – use of endoscopic suturing to create a primary endoscopic sleeve gastropasty (ESG)

Dr. Strate – mesalamine and prevention of diverticulitis; rifaximin and prevention of diverticulitis; probiotics and prevention of diverticulitis

Dr. Wang – hetastarch, HPMC, hyaluronic acid, or saline for submucosal lifting during EMR/ESD

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