Rooms are in the San Diego Convention Center, unless indicated otherwise. Posters are listed by poster number, at the end of each day. The poster sessions are from 12:00 to 2:00 pm in Halls C–E.

SATURDAY, MAY 18

8:00 – 9:30 AM 24ABC
AGA Committee Sponsored Symposium
Tales from the front lines: Translating “best practices” into meaningful quality measures
Moderators: Megan A. Adams, Jeffrey D Mosko

8:00 – 9:30 AM • Clinical Symposium 32AB
GI and Liver Complications of Immunotherapies
Moderators: Michael Dougan, Robert J. Fontana

8:00 AM 24ABC
AGA Committee-Sponsored Symposium
How are quality measures developed by AGA?
Megan A. Adams

8:00 AM • Research Forum 7
Prevalence and predictors of GERD and PPI-resistant GERD in the United States: results from a population-based survey of over 71,000 Americans
Sean Delshad, Christopher V. Almario, William D. Chey, Brennan Spiegel

8:00 AM 31A
AGA Committee-Sponsored Symposium
Global H. pylori prevalence against IBD incidence
John Y. Kao

8:00 AM • ASGE Hands On Hall H
ASGE Hands On Workshop • Bariatric Therapies

8:00 AM • AGA Translational Symposium 29CD
The need for isogenic intestinal transplantation and biopsy banking
Jason Spence

8:22 AM 31A
AGA Committee-Sponsored Symposium
IBD and gut microbiome
Nobuhiko Kamada

8:50 AM • DDW Clinical Symposium 32AB
Clinical features and management of checkpoint hepatitis
Robert J. Fontana

9:12 AM 24ABC
AGA Committee Sponsored Symposium
Tales from the front lines: Translating “best practices” into meaningful quality measures • Q&A: Panel discussion
Panel: Megan A. Adams, Neil Gupta, Chien-Huan Chen, David A. Leiman

10:00 – 11:30 AM • AGA Clinical Symposium 3
AGA Emmet B. Keefee Symposium – Hepatitis A: It’s a Problem Again
Moderators: Robert J. Fontana, Kenneth E. Sherman

10:00 AM • AGA Clinical Symposium 26AB
Food as the main course for the irritable bowel syndrome
William D. Chey

10:15 AM • ASGE Clinical Symposium 4
Polypectomy and anticoagulants/antiplatelets: What should I do?
Michelle A. Anderson

11:45 AM – 12:30 PM • Poster Tour Halls C-E
GERD and Barrett’s Esophagus
Moderators: Joan W. Chen, Karthik Ravi

12:00 PM • ASGE Hands On Hall H
ASGE Hands On Workshop • Suturing and closures

2:00 – 3:30 PM • Topic Forum 5
Endoscopic Bariatric and Metabolic Therapy: Expanding the Toolkit
Moderators: Mark Andrew Gromski, Allison R Schulman

2:00 PM • AGA Clinical Symposium 26AB
Which quality metrics to track for colonoscopy and EGD
John I. Allen

2:00 PM • AGA Translational Symposium 29CD
Gut microbial community function and host response in IBD
Nobuhiko Kamada

3:06 PM • AGA Clinical Symposium 26AB
Use of monitored anesthesia care in the endoscopy suite
Megan A. Adams

3:06 PM • AGA Clinical Symposium 3
Therapeutic biliary EUS: Ready for prime time?
Ryan Law

3:20 – 3:50 PM • ASGE Learning Center Hall E
Meet the VideoGIE Top Reviewers: Learn the Art of Reviewing
Notes/Moderators: Ryan Law, Lisa Cassani

3:27 PM 20ABCD
AGA Postgraduate Course General Session
Small intestine bacterial overgrowth: Fact and fiction
William D. Chey
The GI Digest
Spring 2019

SATURDAY, MAY 18 (cont’d)

3:45 PM 20ABCD
AGA Postgraduate Course General Session

Panel Q & A
Panel: David A. Katzka, Linda Anh B. Nguyen, Michael Camilleri, William D. Chey

4:00 – 5:30 PM 6AB
ASGE Clinical Symposium

Colorectal Cancer: New Technologies, New Guidelines
Moderators: John M. Carethers, Linda C. Cummings

4:00 – 5:30 PM 3
AGA Committee Sponsored Symposium

Beyond Starbucks: Mitigating Bias Through Awareness
Moderators: Chien-Huan Chen, Miguel Malespin, Ibironke Oduyebo

4:00 PM 6C
AGA Postgraduate Course • Case-based Session

HCC: Multidisciplinary approach to care
Anjana A. Pillai, Neelhar D. Parikh

4:41 PM • Basic Science Quick Shots 29A
Lamin mutations in familial partial lipodystrophy point to phosphorylation as a therapeutic target
Eric W. Lin, Graham Brady, Raymond Kwan, Alexey Nesvizhskii, M. Bishr Omary

4:59 PM • Topic Forum 4
Electrocautery setting does not affect efficacy and safety of endoscopic resection of large colorectal polyps

5:00 PM • Research Forum 30
Safety and efficacy of anti-TNF therapy in older patients with ulcerative colitis: A patient-level pooled analysis of RCT data
David Cheng, Kelly C. Cushing, Tianxi Cai, Ashwin Ananthakrishnan

5:14 PM • Topic Forum 4
State of the art: Gender disparity in GI practice
Grace H. Elta

5:20 PM 3
AGA Committee-Sponsored Symposium

Roundtable Discussions: 1. Unconscious/implicit bias; 2: Patient to provider bias
Ibironke Oduyebo

POSTER SESSIONS • Saturday

Sa1000
A national survey of internists’ perceptions of PPI risks and recommendations for deprescribing
Jacob Eli Kurlander, Joel H. Rubenstein, Caroline Richardson, Sarah L. Krein, Raymond De Vries, Brian J. Zikmund-Fisher, Yu-Xiao Yang, Loren Lain, Sameer D. Saini Sa1028 • Poster of Distinction
Cost savings from generic proton pump inhibitors in Medicare Part D from 2013–2016
Andrew J. Read, Jacob Eli Kurlander, Akbar K. Waljee, Sameer Dev Saini Sa1082 • Poster of Distinction
Development and validation of a machine-learning model to predict adequate bowel preparation in a sample of US veterans
Jacob Eli Kurlander, Sameer Dev Saini, Rachel Lipson, Stacy B. Menees, Shahnaz Sultan, Alex Novak Kokaly, Akbar K. Waljee

Sa1111
Regulation of the BMP signaling inhibitor Smad6 in gastritis and gastric cancer
Lifang Zhang, Maria Yawen Mao, Wei Ye, Yitian Yang, Wai K. Leung, Kent-Man Chu, Fung-Yu Huang, Andrea Todisco

Sa1141
Validation and comparison of tools for selecting individuals for screening for Barrett’s esophagus and early neoplasia
Joel H. Rubenstein, Li Jiang, Akbar K. Waljee, Valbona Metko, Kimberly Nozf, Maryam Khodadost, Trivellore Raghunathan

Sa1198
Management patterns for nonacid reflux patients at a large academic medical center
Chanakyaram A. Reddy, Lydia Watts, Jason Baker, Joan W. Chen

Sa1236
Determining appropriate reimbursement for innovative endoscopic devices using cost-minimization analysis: Endoscopic suturing to prevent stent migration for benign esophageal strictures
Eric Dinesh Shah, Amy E. Hosmer, Arpan H. Patel, Shannon Morales, Ryan Law

Sa1276
Utility of esophagram after per-oral endoscopic myotomy (POEM)
Chanakyaram A. Reddy, Anna Tavakkoli, Mustafa Abdul-Hussein, Andrew C. Chang, Joan W. Chen, Mahmoud Al-Hawary, Sheryl J. Korsnes, B. Joseph Elmunzer, Ryan Law

Sa1499 • Poster of Distinction
The impact of alcohol tax rate on mortality from alcoholic liver disease in the United States
Neelhar Dilip Parikh, Kexin Jiang, Jessica L. Mellinger, Elliot Benjamin Tapper

Sa1638
Non-alcoholic fatty liver disease among patients with heart failure with preserved ejection fraction: Prevalence, risk factors and disease stage
Monica A. Konerman, Alexandria Miller, Jennifer McNamara, Scott Hummel, Matthew Konerman

Sa1664
Are dysynergic defecation and altered rectal sensation under-recognized cause of chronic constipation in patients taking opioids?
Jason Baker, Borko Nojkov, Richard J. Saad, Stacy B. Menees, Shanti Eswaran, Allen Lee, Kimberly N. Harer, William Chey
Sa1707 • Poster of Distinction
Using endoscopic fine needle biopsies of pancreatic ductal adenocarcinoma for immunotherapy precision medicine
Eileen Carpenter, Nina Steele, Veerin Sirirhorachai, Samantha Kemp, Lawrence Delrosario, Timothy Frankel, Howard Crawford, Michelle A. Anderson, Marina Pasca Di Magliano

Sa1804
Incidence of obstructive complications after intra-abdominal surgeries in patients with Crohn’s disease receiving care at 12 Veterans Affairs Medical Centers

Sa1808
Trends of 5-ASA medication use in patients with Crohn’s disease
Mohamed Noureldin, Shirley Cohen-Mekelburg, Ryan W. Stidham, Peter D.R. Higgins, Shail Mahendra Govani, Amar Deshpande, Akbar K. Waljee

Sa1879
Disability in patients with ileal pouch anal anastomosis
Maia Kayal, Ryan C. Ungaro, Alexa Riggs, Kanika Kamal, Manasi Agrawal, Jordan Eric Axelrad, Brad Tricomi, Adam S. Faye, Ellen Scherl, Garrett Lawlor, Dana J. Lukin, Jean Frederic Colombel, Marla Dubinsky

Sa2039
Understanding how differences in socioeconomic status, education, and age influence treatment choice in IBS patients
Jason Baker, Lydia Watts, William L. Hasler, Kimberly N. Harer, Stacy B. Menees, Shanti Esvaran, Allen Lee, William Chey

SUNDAY, MAY 19

SUNDAY, MAY 19 (cont’d)

Sa2039
Understanding how differences in socioeconomic status, education, and age influence treatment choice in IBS patients
Jason Baker, Lydia Watts, William L. Hasler, Kimberly N. Harer, Stacy B. Menees, Shanti Esvaran, Allen Lee, William Chey

SUNDAY, MAY 19 (cont’d)

SUNDAY, MAY 19
8:00 – 9:30 AM • AGA Research Forum 30
IBD: Microbiome
Moderators: Jessica Allegretti, Nobuhiko Kamada
8:00 – 9:30 AM • AASLD Plenary Session 6DE
Liver Plenary I
Moderators: Jorge A Bezerra, Grace L. Su
8:15 AM • Research Forum 29B
Dietary emulsifiers reduce thermogenesis in brown adipose tissue, leading to obesity and metabolic syndrome
Weiyang Zheng, Dabo Xu, Ji-Yao Li, Xiaoyn Wu, Xiaomin Hu, Merritt Gilliland, Shi-Yi Zhou, Chung Owyang
8:15 AM • DDW Clinical Symposium 32AB
What to do after negative endoscopic evaluations in obscure GI bleeding?
James M. Scheiman
8:30 AM • AGA Clinical Symposium 25ABC
Keeping to time and keeping the patient happy
William D. Chey
8:54 AM • Research Forum 28E
Avoidant/restrictive food intake disorder among adult gastroenterology behavioral health patients: Demographic and clinical characteristics
Kimberly N. Harer, Christina H. Jagielski, Megan E. Riehl, William D. Chey
9:00 – 11:30 AM • AGS Hands-on Hall H
Customized Hands on Lab
Moderators: Neil Gupta, Ryan Law

9:15 AM • Research Forum 30
Dietary serine regulates the integrity of intestinal mucus barrier during intestinal inflammation
Kohei Sugihara, Nobuhiko Kamada
10:00 AM • AGA Clinical Symposium 9
Artificial intelligence for gastroenterologists: A primer
Peter D.R. Higgins
10:44 AM • ASGE Clinical Symposium 7
Overcoming benign strictures
Michelle A. Anderson
10:45 AM • Research Forum 30
Using deep learning for automated grading of endoscopic disease severity in ulcerative colitis
10:50 AM • AGA State-of-the-Art Lecture
A novel R-spondin 1/POMC neurocircuit in the hypothalamus is activated by insulin to regulate thermogenesis in brown adipose tissue
Ji-Yao Li, Xiaoyin Wu, Chung Owyang
10:51 AM • DDW Clinical Symposium 32AB
Endoscopic treatment of esophageal diverticulum: What is the best approach?
Ryan Law
11:00 AM • Research Forum 30
Complete histologic normalization is associated with reduced risk of relapse among patients with ulcerative colitis in complete endoscopic remission
Kelly C. Cushing, William Tan, David H. Alpers, Vikram Deshpande, Ashwin Ananthakrishnan
11:05 AM • AASLD Clinical Symposium 6DE
Non-surgical treatment of HCC and cholangiocarcinoma
Neehar Dilip Parikh
SUNDAY, MAY 19 (cont’d)

2:00 – 3:30 PM • AASLD Research Forum 11A
Health Services and Outcome Research
Moderators: Elliot Benjamin Tapper, Natalie Torok

2:06 PM • AGA State-of-the-Art Lecture 24ABC
Is sucrose the sixth FODMAP in a subset of patients with irritable bowel syndrome with diarrhea and sucrase isomaltase deficiency? Shanti L. Eswaran, Tenghao Zheng, Mauro D’Amato, William D. Chey

4:00 – 5:30 PM • AGA Distinguished Abstract Plenary 20BCD
Immunology, Microbiology & Inflammatory Bowel Diseases Section
Distinguished Abstract Plenary
Moderators: Peter D.R. Higgins, Uma Mahadevan

4:00 – 5:30 PM • AGA Plenary Session 29CD
AGA Basic Science Plenary
Moderators: Linda C. Samuelson, Jerrold Turner

4:30 – 5:30 PM • ASGE Postgraduate Course 6AB
Best Practices and Emerging Paradigms: Session 3
Moderator: Allison R Schulman

4:00 – 5:30 PM • AASLD Clinical Symposium 6DE
Preventing Hospitalizations for Populations with Decompensated Cirrhosis
Moderators: Elliot B. Tapper, Michael Volk

4:00 PM • AGA Clinical Symposium 20A
Rodger Haggitt Gastrointestinal Pathology Society Symposium
Why mast it be so hard? Mast cell disorders of the GI tract Leslie B. Aldrich

4:00 PM • Research Forum 29B
Autoimmune antibodies and symptoms of autoimmune disorder in gastroparesis patients

4:20 PM • AASLD Clinical Symposium 6DE
Elements of effective interventions
Elliot Benjamin Tapper

4:48 PM • AGA Distinguished Abstract Plenary 20BCD
Immunology, Microbiology & Inflammatory Bowel Diseases
Anti-tumor necrosis factor therapy is not associated with post-operative infection: Results from prospective cohort of ulcerative colitis and Crohn’s disease patients undergoing surgery to identify risk factors for post-operative infection I (PUCCINI)
Benjamin L. Cohen, Phillip Fleshner, Sunanda V. Kane, Hans H. Herfarth, Nicole Palekar, Francis A. Farraray, Jonathan A. Leighton, Jeffry Katz, Russell D. Cohen, Mark E. Gerich, Raymond K. Cross, Peter D. Higgins, Andrew Tinsley, Sarah C. Glover, Corey A. Siegel, Jaime L. Bohl, Heba Iskandar, Samantha Raymond, Ruiqi Huang, Mayte Suarez-Farinas, Bruce E. Sands

5:00 PM • Research Forum 27AB
Differential post-translational modification of polymorphic MSH3 and novel binding partner NEMO is associated with its nuclear-to-cytosol shuttling
Stephanie Tseng-Rogenski, Wei Zheng, Minoru Koi, Yang Zhang, John M. Carethers

5:15 PM • Research Forum 29B
Characterization of pyloric tonic and phasic pyloric motor activity using expanded EndoFLIP measures before and after G-POEM for medication-refractory gastroparesis
William L. Hasler, Jason Baker, Lydia Watts, Nicole Bowers, Deepa Chandrasekhar, Allen Lee, Ryan Law

5:17 PM • AGA Clinical Symposium 26AB
Efficacy and safety of combined CPP-1X sulindac vs CPP-1X or sulindac alone in patients with familial adenomatous polyposis: Results from a double-blind, randomized phase III trial
Carol A. Burke, N. Jewel Samadder, Evelien Dekker, Ramona M. Lim, Francesc Balague, Steven Gallinger, Robert Hübner, Christian P. Strassburg, Patrick M. Lynch, Alfred Cohen, Samir Gupta, Elena M. Stoffel

POSTER SESSIONS • Sunday

Su1280
Efficacies of tailored therapy versus guideline-recommended empiric therapies for eradication of Helicobacter pylori – a trend survey over 20 years in Taiwan (1999-2018)
Chien-Chih Tung, Chi-Tan Hu, J-Nan Kuo, Bor-Ru Lin, Hong-Long Wang, Jin-De Chen, Mu-Liang Cheng, Chia-Tung Shun, Ming Jium Shieh, John Y. Kao, Jyh-Chin Yang

Su1296
Superbug or something else: Factors contributing to failure of antibiotic susceptibility-based tailored H. pylori eradication
Elena Fradkov, Bei Tan, Jyh-Chin Yang, Carol L. Young, Cullen Kathleen, Min Zhang, John Y. Kao

Su1370
Initial experience of nitrous oxide cryoballoon ablation for eradication of nonpolypoid sporadic and familial adenomatous polyposis (FAP) duodenal adenomas
Olaya I. Brewer Gutierrez, David L. Diehl, Richard Kwon, Nirav Thosani, Mohamad Dbouk, Harshit S. Khara, Tossapol Kerd sirichairoat, Marcia Irene Canto

Su1446
Clinical characteristics of patients with symptoms of gastroparesis and history of pancreatitis
Su1474
Concordance of vibration controlled transient elastography, shear wave elastography, non-invasive biomarkers and liver histology in a real world clinical setting
Sydni Williams, Nikhil Patel, Anna Lok, Monica A. Konerman

Su1496
Prescription opioid use and risk of adverse clinical outcomes among individuals with chronic liver disease
Monica A. Konerman, Brooke Kenney, Amit G. Singal, Elliot Benjamin Tapper, Pratima Sharma, Shari S. Rogal, Jessica L. Mellinger, Sameer Dev Saini, Pratima Sharma, Elliot Benjamin Tapper, Akbar K. Waljee

Su1540
Identification of nuclear lamina genetic variants associated with nonalcoholic fatty liver disease in a well-phenotyped academic medical center-based cohort
Graham Brady, Ayse Bilge Ozel, Matthew Zawistowski, Jun Li, M. Bishr Omary

Su1541
Lamin mutations in familial partial lipodystrophy point to phosphorylation as a therapeutic target
Eric W. Lin, Graham Brady, Raymond Kwan, Alexey Nesvizhskii, M. Bishr Omary

Su1560
Pilot trial of a mobile technology based lifestyle intervention for individuals with non-alcoholic fatty liver disease
Monica A. Konerman, Angela Lyden, Jane J. Wong, Lisa M. Glass, Caroline Richardson, Elizabeth Jackson, Anna Lok

Su1588
How cost affects treatment choice for irritable bowel syndrome with diarrhea: A cost-effectiveness analysis of guideline-recommended treatment interventions to determine appropriate order of therapy in clinical practice
Eric D. Shah, Peter R. Gibson, Jane Muir, Shanti L. Eswaran, William D. Chey

Su1930
Safety and efficacy of orlorinab, a peripherally restricted, highly selective, cannabinoid receptor 2 agonist in a phase 2a study in chronic abdominal pain associated with Crohn's disease
Bruce Yacshyn, Daniel C. Ginsberg, Kye Gilder, Brandon Walsh, Brett English, Stewart A. Turner, Preston Klassen, Stephen B. Hanauer, Charles F. Barish, Peter D.R. Higgins

Su1963
Amino acid sensing is an essential mechanism of mTORC1 activation in colorectal tumorigenesis
Sumeet A. Solanki, Jun-Hee Lee, Yatrik Madhukar Shah

Su1990
Fusobacterium nucleatum infection associates with two types of microsatellite alterations in colorectal cancers (CRC)
Minoru Koi, Yoshiki Okita, Yoshinaga Okugawa, Takahito Kitajima, Yuji Toiyama, Erika Koepp, Elena M. Stoffel, John M. Carethers

Su1996
Altered gut microbiota induced by a dietary emulsifier degrades the colonic mucus barrier and promotes visceral hypersensitivity
Dabo Xu, Xiaoyin Wu, Merritt Gilliland, Weiyang Zheng, Xiaomin Hu, Eric Martens, Chung Owyang

Su2004
Disruption of circadian rhythm reduces thermogenesis in brown adipose tissue, leading to abnormal weight gain and development of metabolic syndrome. Mediation by gut dysbiosis and endotoxemia.
Xiaomin Hu, Ji-Yao Li, Xiaoyin Wu, Shi-Yi Zhou, Merritt Gilliland, Xu Han, Weiyang Zheng, Chung Owyang

Su2047
Functional lumen imaging probe is useful for the quantification of gastric sleeve stenosis and prediction of response to endoscopic dilation

Su2055
Characterizing intestinal strictures of Crohn's disease with a capsule-shaped acoustic resolution photoacoustic endoscope
Guan Xu, Hao Lei, Laura Johnson, Kathryn A. Eaton, Shengchun Liu, Jun Ni, Xueding Wang, Peter D.R. Higgins

MONDAY, MAY 20
6:30 – 7:45 AM • Breakfast Connections 28CD
Running a GI motility lab
Joan W. Chen, Abraham Khan

8:00 – 9:30 AM • Research Forum 30
Prediction of Therapeutic Outcomes in IBD
Moderators: Kelly C. Cushing, Jenny Sauk

8:00 - 9:30 AM • Research Forum 8
Hepatotoxicity and Metabolic/Genetic Diseases
Moderators: Lily Dara, Robert J. Fontana

8:00 – 9:30 AM 31A
AGA Committee-Sponsored Symposium
Best of AGA at DDW in Chinese
Moderators: John Y. Kao, Shutian Zhang

8:00 AM • AGA Clinical Symposium 3
ALD: Epidemic in the young
Elliot Benjamin Tapper

8:15 AM • Research Forum 11A
Deep learning models accurately predict development of HCC in 146,218 patients with chronic hepatitis C
George N. Ioannou, WeiJing Tang, Lauren Beste, Monica A. Konerman, Grace L. Su, Tony Van, Elliot B. Tapper, Amit G. Singal, Ji Zhu, Akbar K. Waljee
MONDAY, MAY 20 (cont’d)

8:22 AM 33ABC
AGA Committee-Sponsored Symposium
Role of probiotics in the management of GI disease: Highlights from the AGA guideline
Purna Kashyap, Grace L. Su

8:30 AM 31A
AGA Committee-Sponsored Symposium
Best of AGA at DDW in Chinese • Best basic abstracts
John Y. Kao

8:45 AM • Research Forum 24ABC
The age to stop endoscopic surveillance of Barrett’s esophagus: A cost-effectiveness analysis

9:00 AM • Research Forum 24ABC
Overuse of surveillance endoscopy for Barrett’s esophagus in individuals with limited life expectancy

10:00 – 11:30 AM
ASGE Clinical Symposium
Tackling Complex ERCP
Moderators: Grace H. Elta, Joanna K. Law

10:00 AM 33ABC
AGA Committee-Sponsored Symposium
The business of GI practice 101
John I. Allen

10:00 AM • Topic Forum 4
Gastric peroral endoscopic myotomy (G-POEM) for the treatment of refractory gastroparesis: Results from the first international prospective trial
Kia Vosoughi, Yervant Ichkhianian, Petros C. Benias, Larry S. Miller, A. Aziz Aadam, Joseph Triggs, Ryan Law, Dalton Chaves, Alberto M. da Ponte, Peter V. Draganov, Andrey I Kotzev, Maan El Halabi, Omid Sanaei, Olaya I. Brewer Gutierrez, John E. Pandolfino, Anthony N. Kalloo, Mouen A. Khashab

10:00 AM • DDW Clinical Symposium 32AB
Cholangiocarcinoma: Definitions and pathogenesis
Nataliya Razumilava

10:53 AM 20BCD
AGA Presidential Plenary
Julius Friedenwald Medal presentation to John I. Allen

11:15 AM • Research Forum 30
Neutrophils restrict tumor-associated microbiota to dampen colon tumor growth and invasion
Daniel Triner, Samantha Devenport, Yatrik M. Shah

12:15 – 1:15 PM Sails Pavilion
Interactive Education: DDW Trainee & Early Career Lounge: Meet the Expert
Practical issues of career choice, contracting, and suture payment models
John I. Allen

2:00 – 3:00 PM 6DE
AASLD State-of-the-Art Lecture
Drug-Induced Liver Injury in GI Practice
Moderator: Robert J. Fontana

2:00 PM • ASGE Clinical Symposium 7
Training in endobariatrics therapy: Who, what, where, and how
Allison R. Schulman

2:00 PM • Research Forum 11A
Elevated HCC risk persists for up to 10 years after hepatitis C eradication in patients with baseline cirrhosis and elevated FIB-4 score

2:00 PM • Research Forum 29B
Escherichia coli heat-stable toxin impairs colonic epithelial barrier function via cGMP-induced oxidative stress, apoptosis, and NF-κB activation
Ting Zheng, Shi-Yi Zhou, Sha Huang, Jason Spence, Chung Owyang

2:30 PM • Topic Forum 6C
Endoluminal functional lumen imaging probe (EndoFLIP) predicts the outcome of gastric per-oral endoscopic pyloromyotomy (G-POEM): A multicenter prospective study

3:06 PM • AGA Clinical Symposium 26AB
When to test for H. pylori antibiotic resistance?
John Y. Kao

3:30 PM 24ABC
AGA Committee-Sponsored Symposium
Improving vaccination adherence in inflammatory bowel diseases (poster presentation)
Ted Walker, Alex Thomas, Kelly C. Cushing, Michael C. Bennett, Ricardo Badillo, Gregory S. Sayuk, C. Prakash Gyawali, Deborah Rubin, Cynthia Cherfan, Parakkal Deepa, Matthew A. Ciobara, George Christophi

4:00 – 5:30 PM 29A
Distinguished Abstract Plenary
Cellular & Molecular Gastroenterology Section Distinguished Abstract Plenary:
Stem Cells and Differentiated Cell Plasticity in Metaplasia and Regeneration
Moderators: Jason Mills, Linda C. Samuelson
AGA Distinguished Abstract Plenary 31A
Neurogastroenterology & Motility
Distinguished Abstract Plenary
Moderators: John Pandolfino, John Wiley

Mo1074 4:49 PM
Comprehensive case-matched study on adverse events associated with gastric per oral endoscopic myotomy

Mo1155 4:49 PM
Patterns of care in the management of eosinophilic esophagitis
Joy W. Chang, Samuel R. Olson, Ju Young Kim, Joel Greenson, Joan W. Chen, Georgiana Sanders, Joel H. Rubenstein

Mo1196 4:49 PM
Long term quality of life among patients with neoplastic Barrett’s esophagus following endoscopic therapy compared to esophagectomy

Mo1451 4:49 PM
Liquid biopsy for prognosis in hepatocellular carcinoma (HCC) using circulating tumor cells (CTCs): A systematic review and meta-analysis
Vincent L. Chen, Dabo Xu, Ramdane Harouakua, Max Wicha, Anna Lok, Neehar D. Parikh
Mo1718 • Poster of Distinction
Racial and geographic disparities in pancreatic cancer incidence and mortality in the United States
Anna Tavakkoli, Amit G. Singal, Akbar K. Waljee, B. Joseph Elmunzer, Sandi Pruitt, Joel H. Rubenstein, James M. Scheiman, Caitlin C. Murphy

Mo1730
Butyrate-treated colon organoids from FAP subjects supress key cancer pathways when ZBP-89 (ZNF148) deleted
Akash Gupta, Ramon Ocáriz-Ruiz, Durga Attili, Michael K. Dame, Elaine Brady, D. Kim Turgeon, Juanita L. Merchant

Mo1741
Induction of whole genome doubling with MSH3-deficiency in human colon diploid cells
Satoshi Suzuki, Minoru Koi, John M. Carethers

Mo1773
Cost drivers and trends in inflammatory bowel diseases
K. T. Park, Orna G. Ehrlich, John I. Allen, Perry Meadows, Eva Szigethy, Kimberlee Henrichsen, Sandra C. Kim, Rachel Lawton, Sean Murphy, Miguel D. Regueiro, David T. Rubin, Nicole M. Engel-Nitz, Caren Heller

Mo18017
Responder definitions for the ulcerative colitis patient-reported outcomes signs and symptoms (UC-PRO/SS) tool using patients with ulcerative colitis treated with etrolizumab
Peter D.R. Higgins, Alison Matsui, Kendra DeBusk, Jennifer Pulley, Astrid Scalori, Young S. Oh, Udayasankar Arulmani

Mo1837
Effect of upadacitinib on extra-intestinal manifestations in patients with moderate to severe Crohn’s disease: Data from the CELEST study
Laurent Peyrin-Biroulet, Silvio Danese, Edouard Louis, Peter D.R. Higgins, Marla Dubinsky, Fabio Cataldi, Qian Zhou, Wan-Ju Lee, Kristina Kligys

Mo1877
Tumor necrosis factor α and IL-17α producing CD4+ tissue resident memory T-cells are expanded in Crohn’s and are inhibited by the anti-inflammatory microbial metabolite butyrate

Mo1927
Citrobacter rodentium induces CD4+ tissue resident memory T-cells that expand with re-challenge

Mo1945
The influence of pets on risk for Clostridium difficile infection (CDI)
Jeffrey Berinstein, Calen A. Steiner, Katelin Roth, Emily Briggs, Krishna Rao, Peter D. Higgins

Mo1962
Morbid obesity increases 30-day readmission and morbidity in Clostridium difficile infection
Amar B. Mandalia, Marwan Samir Abougergi, Allison R. Schulman

Mo2012
High-fat diet reduces brown adipose tissue thermogenesis, which contributes to obesity: Mediation by gut dysbiosis and endotoxemia
Ji-Yao Li, Xiaoyin Wu, Gintautas Grabauskas, Merritt Gilliland, Chung Owyang

Mo2039
Upper gastrointestinal series after sleeve gastrectomy is unnecessary to evaluate for gastric sleeve stenosis
Amar B. Mandalia, Jessica Xinyao Yu, Allison R. Schulman

TUESDAY, MAY 21
6:30 – 7:45 AM • Breakfast Connections

6:30 – 8:00 AM • AGA Abstract Plenary

6:30 – 8:00 AM • Research Forum

7:00 – 8:30 AM • Research Forum

8:00 – 9:30 AM • AGA Research Forum

9:00 – 10:30 AM • Research Forum

9:00 – 10:30 AM • Research Forum

9:00 – 10:30 AM • Research Forum

AGA Distinguished Abstract Plenary

Intestinal Fibrosis
Moderator: Peter D.R. Higgins

Esophageal, Gastric & Duodenal Disorders Section Distinguished Abstract Plenary
Moderators: Ikuo Hirano, John Y. Kao

AGA Research Forum

Inducement of double strand breaks (DSB) triggers differential MSH3 intracellular shuttling based on a poly-alanine-PXXP polymorphism near its nuclear localization signal (NLS)
Minoru Koi, Mikayla Woodard, Stephanie Tseng-Rogenski, Satoshi Suzuki, John M. Carethers

Experience with a novel 30mm hydrostatic balloon in esophageal dysmotility: A multicenter retrospective analysis

Management of pancreas cysts: Current guidelines
Grace H. Elta
8:45 AM • Research Forum 9
miR130b expressed by SLFN4+–MDSCs stimulates epithelial proliferation and pre-neoplastic changes
Lin Ding, Qian Li, Andres Munoz, Yana Zavros, Emmanuelle Faure, Dimitrios Iliopoulos, Jayati Chakrabarti, Juanita L. Merchant

8:48 AM • AGA Distinguished Abstract Plenary 9
Esophageal, Gastric & Duodenal Disorders
Effects of anti–Helicobacter pylori therapy on incidence of autoimmune diseases, including inflammatory bowel diseases
Kun-Der Lin, Guei-Fen Chiu, Akbar K. Waljee, Stephanie Y. Owyang, Mohamad El-Zaatari, Shrinish Bishu, Helmut Grasberger, Min Zhang, Deng-Chyang Wu, John Y. Kao

9:15 AM • Research Forum 8
The Bcl-2 inhibitor ABT-263 attenuates intestinal fibrosis in human intestinal organoids and the mouse S. typhimurium model
Eva S. Rodansky, Laura Johnson, Benjamin J. Malamet, Sha Huang, Lisa Hazelwood, Jason Spence, Peter D. Higgins

9:41 AM • AGSE Video Plenary - Part II 6AB
Endoscopic reversal of vertical banded gastroplasty–novel use of electroincision
Jessica X. Yu, Arpan H. Patel, Ryan Law

9:52 AM • AGSE Video Plenary - Part II 6AB
EUS-guided gastroenterostomy to facilitate ERCP in a patient with duodenal switch anatomy
Ryan Law, Amy Hosmer, Arjun R. Sondhi, Christopher Sonnenday

10:00 – 10:30 AM • AGA Research Forum 9
Functional Dyspepsia, Nausea and Vomiting
Moderators: William L. Hasler, Baha Moshiree

10:00 – 11:30 AM • AASLD Research Forum 11A
Liver Transplantation
Moderators: David C. Mulligan, Pratima Sharma

10:00 AM • Research Forum 8
Polygenic partial lipodystrophy contributes to nonalcoholic fatty liver disease (NAFLD) and liver fibrosis in the population
Vincent L. Chen, Samuel K. Handelman, Brian Halligan, Yanhua Chen, XiaoMeng Du, Elizabeth K. Speliotes

10:00 AM • AGA Clinical Symposium 24ABC
Overlap between food intolerances and IBS
William D. Chey

10:00 AM • Research Forum 20BCD
Efficacy and safety of mirikizumab (LY3074828) in a phase 2 study of patients with Crohn’s disease

10:00 AM • Research Forum 29CD
Primary cilia transduce inflammatory and Hedgehog signaling to modulate gastrin expression and antral hyperplasia
Lin Ding, Qian Li, Andres Munoz, Milena Saqui-Salces, Juanita L. Merchant

10:15 AM • Topic Forum 2
Living on the edge – success, long-term complications, and implications following EUS-directed transgastric ERCP: A multicenter study

11:00 AM • Research Forum 8
Long-term sustainability of outcomes following completion of a structured lifestyle intervention program for patients with metabolic syndrome and non-alcoholic fatty liver disease
Monica A. Konerman, Min Zhang, Megan S. Joseph, Samantha Fink, Anna Lok, Melvyn Rubenfire

11:12 AM • Research Forum 9
Cyclic Vomiting Syndrome Practice Guidelines Committee survey of cannabinoid hyperemesis syndrome criteria: Relation to published case series and individual reports
William L. Hasler, B. U. Li, David J. Levinthal, Sally E. Tarbell, Kathleen A. Adams, Robert Issenman, Irene Sarosiek, Safwan Jaradah, Ravi Sharaf, Shahnaz Sultan, Christopher D. Stave, Thangam Venkatesan

12:30 – 1:45 PM 25ABC
Meet the Professor Luncheon
When to test for H. pylori antibiotic resistance
John Y. Kao

2:44 PM • AGA Translational Symposium 29B
Central and peripheral stress pathways and effects on barrier function
John W. Wiley

3:00 PM • Topic Forum 6C
Prospective, multi-center 2 year study to determine the influence of high-level disinfection alone versus ethylene oxide sterilization with high-level disinfection on endoscopic ultrasound (EUS) imaging
POSTER SESSIONS • Tuesday

Tu1004
Fragmented care is prevalent among patients with readmission following bariatric surgery and is associated with increased cost
Allison R. Schulman, Marwan Samir Abougergi

Tu1021
Distance of travel to the site of screening colonoscopy does not impact bowel preparation quality or adenoma detection
Keith Naylor, Amit Gupta

Tu1027
Esophageal manometry competency program improves performance in motility diagnostics in gastroenterology fellows

Tu1172 • Poster of Distinction
Incomplete response of symptoms of gastroesophageal reflux disease to proton pump inhibitors poorly predicts erosive esophagitis and Barrett’s esophagus
Joel H. Rubenstein, Li Jiang, Jacob E. Kurlander, Joan W. Chen, Valbona Metko, Maryam Khodadost, Kimberly Nofz, Trivellore Raghunathan

Tu1257
Esophageal histopathologic patterns in patients undergoing per-oral endoscopic myotomy (POEM)
Chanakyaram A. Reddy, Ryan Law, Henry D. Appelman, Andrew C. Chang, Sheryl J. Korsnes, Joan W. Chen

Tu1482
Application of deep learning models to predict progression to cirrhosis among veterans with chronic hepatitis C
Monica A. Konerman, Weijing Tang, George N. Ioannou, Lauren Beste, Grace L. Su, Tony Van, Elliot Benjamin Tapper, Sameer Dev Saini, Brahmajee Nallamothu, Ji Zhu, Akbar K. Waljee

Tu1487
Factors associated with lack of improvement of patient reported outcomes (PRO) in chronic hepatitis C (CHC) patients with sustained virologic response (SVR)
Maria Stepanova, Elliot Benjamin Tapper, Edward Gane, Mark S. Sulkowski, Marc Bourliere, Zobair M. Younossi

Tu1496
Democratic deliberation to assess veteran preferences on allocation of healthcare resources for chronic hepatitis C treatment
Akbar K. Waljee, Kerry A. Ryan, Monica A. Konerman, Lauren Beste, George N. Ioannou, Grace L. Su, Sameer Dev Saini, Maria Hughes, Amanda Ellis, Pia Roman, Chris Krenz, Raymond De Vries

Tu1585
Hepatitis C eradication reduces the risk of developing hepatic encephalopathy and increases the likelihood of resolution of pre-treatment hepatic encephalopathy
Elliot Benjamin Tapper, Neehar Dilip Parikh, Pamela Green, Kristin Berry, Akbar K. Waljee, Andrew M. Moon, George N. Ioannou

Tu1609 • Poster of Distinction
How often do gastroenterologist’s screen for psychological trauma? Identifying the unmet need.
Christina H. Jagielski, Megan E. Riehl, William D. Chey

Tu1727
Rapidity of symptomatic and inflammatory biomarker improvements following upadacitinib induction treatment: Data from the U-Achieve study

Tu1794
Adherent-invasive Escherichia coli colonization promotes intestinal fibrosis via activation of IL-33/ST2 signaling
Jin Imai, Sho Kitamoto, Hiroko Nagao-Kitamoto, Atsushi Hayashi, Tina Morhardt, Peter Kuffa, Peter D.R. Higgins, Nicolas Barnich, Nobuhiko Kamada

Tu1817
Increasing subcutaneous fat and weight are correlated with reduced adalimumab drug levels in patients with inflammatory bowel disease

Tu1927
Venous thromboembolism during index admission for Roux-en-Y gastric bypass increases one year mortality
Jessica Xinyao Yu, Marwan Samir Abougergi, Allison R. Schulman

Tu1983
EUS-guided creation of enteroenterostomy using lumen apposing metal stents for pancreaticobiliary access in non-RYGB surgical anatomy patients