



**MICHIGAN MEDICINE**  
UNIVERSITY OF MICHIGAN

# the GI Digest

A daily schedule of our activity at Digestive Disease Week® 2018

Department of Internal Medicine, Division of Gastroenterology and Hepatology

Rooms are in the Washington Convention Center, unless indicated otherwise. Posters are listed by poster number, at the end of each day. The poster sessions are in Hall C.

## SATURDAY, JUNE 2

**8:00 – 9:30 am • AGA Research Forum 207**

### Caring for inflammatory bowel disease: Quality matters

Moderators: *Gil Melmed, Akbar Waljee*

**8:00 am • AGA Clinical Symposium 144**

### The potential and pitfalls of quality measurement: From science to reimbursement

*Sameer Saini*

**8:30 am • Research Forum 201**

### Longitudinal symptom and quality of life outcomes in patients with suspected gastroparesis in relation to delays in gastric emptying and generalized gut transit: a prospective, multicenter evaluation

*William Hasler, Allen Lee, Richard McCallum, Linda Nguyen, Richard Krause, Michael Schulman, John Wo, Irene Sarosiek, Baharak Moshiree, Henry Parkman, Braden Kuo, Satish Rao*

**8:44 am • AGA Clinical Symposium 144**

### Upper endoscopy quality measures

*Megan Adams*

**8:45 am • AGA Postgraduate Course Hall E**

### Endoscopic treatment options for obesity

*Allison Schulman*

**9:00 am • Research Forum 206**

### Efficacy of high-dose dual therapy versus bismuth quadruple therapy for rescue treatment of *Helicobacter pylori* — an interim report of multi-center, randomized control study

*Chi-Tan Hu, Chien-Chih Tung, Chun-Jung Lin, I-Nan Kuo, Bor-Ru Lin, Hong-Long Wang, Jin-De Chen, Mu-Liang Cheng,*

*Chia-Tung Shun, Hui-Mi Li, Jui-Sheng Hung, Wei-Yi Lei, Ming Jium Shieh, Jau-Min Wong, John Kao, Jyh-Chin Yang*

**10:00 – 11:30 am 145B**  
AGA Committee Sponsored Symposium

### Tales from the front lines: What Defines a 'quality' gastroenterologist?

Moderators: *Megan Adams, David Leiman*

**10:00 – 11:30 am • AGA Research Symposium 101**

### Stem cells in the origin and progression of cancer

Moderators: *Howard Crawford, Jianwen Que*

**10:00 – 11:30 am • AGA Clinical Symposium 144**

### Chronic pancreatitis controversies

Moderators: *Matthew DiMagno, David Whitcomb*

**10:00 – 11:30 am • AGA Research Forum 207**

### Missed lesions and appropriate follow-up of screening and surveillance

Moderators: *Heiko Pohl, Joel Rubenstein*

**10:00 am • DDW Clinical Symposium 143**

### Lifestyle interventions – making it work

*Monica Konerman*

**10:15 am • Research Forum 101**

### Wnt signaling promotes mouse and human gastric stem cell proliferation

*Elise Hibdon, Kim Turgeon, Elena Stoffel, Linda Samuelson*

**10:15 am • Research Forum Ballroom A**

### New persistent opioid use occurs in more than one third of IBD patients following an IBD flare treated with corticosteroids

*Mohamed Noureldin, Peter Higgins, Shail Govani, Ryan Stidham, Akbar Waljee*

**10:30 am • Research Forum Ballroom A**

### Over 30% of active flares in inflammatory bowel disease patients are associated with gastrointestinal

### infectious agents

*Julajak Limsrivilai, Zachary Saleh, Laura Johnson, Ryan Stidham, Akbar Waljee, Brian Gutermuth, Shail Govani, Alexandra Brown, Emily Briggs, Krishna Rao, Peter Higgins*

**10:30 am • AGA Clinical Symposium 151A**

### Genetic determinants of body fat distribution

*Elizabeth Speliotes*

**11:00 am 145A**

AGA Committee-Sponsored Symposium

### Sphincter of Oddi dysfunction exists

*Stuart Sherman, Grace Elta*

**11:45 pm– 12:30 pm South Hall**

Poster Tour Leader

### EoE and GERD session

*Joan Chen*

**12:45 pm • AGA Postgraduate Course Hall E**

### Prevention of post-ERCP pancreatitis

*Michelle Anderson*

**2:00 – 3:30 pm • AGA Clinical Symposium 146B**

### Advanced endoscopy of the biliary tract

Moderators: *Douglas Adler, Ryan Law*

**2:15 pm • Research Forum 145A**

### Gastric emptying changes over time in gastroparesis: Comparison of initial and 48 week follow up gastric emptying tests in the Gastroparesis Registry of the Gastroparesis Consortium

*Henry Parkman, Katherine Yates, Richard McCallum, Irene Sarosiek, Alan Maurer, Ron Schey, William Hasler, Gianrico Farrugia, Madhusudan Grover, Kenneth Koch, Linda Nguyen, Braden Kuo, William Snape, Thomas Abell, James Tonascia, Frank Hamilton, Pankaj Pasricha*

**2:44 pm • AGA Research Symposium 102B**

### Signaling pathways in pancreatic metaplasia and tumorigenesis

*Howard Crawford*

## SATURDAY, JUNE 2 (cont'd)

3:12 pm • Research Forum 201

### **Fusobacterium necleatum** infection correlates with two molecular phenotypes of colorectal cancer (CRC) associated with inflammation: MSI-high and MSI-low/EMAST

Yoshiki Okita, **Minoru Koi**, Erika Koeppe, **Elena Stoffel**, Joseph Galanko, Nikki McCoy, Temitope Keku, **John Carethers**

3:15 pm • Research Forum 209

### **Diurnal variation of intestinal permeability is regulated by feeding and mucosal bacteria load**

Xu Han, Ting Yu, **Gintautas Grabauskas**, **Chung Owyang**

4:00 – 5:30 pm 145B

AGA Postgraduate Course

### **Breath testing: Role in diagnosis and prediction of treatment response**

**William Chey**, David Kunkel

4:00 – 5:30 pm 154

AGA Postgraduate Course

### **FODMAPs and beyond**

Peter Gibson, **Shanti Eswaran**

4:00 – 5:30 pm 149

AGA Postgraduate Course

### **Management of acute alcoholic hepatitis in 2018**

Michael Lucey, **Jessica Mellinger**

4:00 – 5:30 pm • AGA Research Forum 201

### **Randomized trials of extending the reach of colorectal cancer screening**

Moderators: Darrell Gray, **Sameer Saini**

## POSTER SESSIONS • Saturday

### Sa1015

#### **Ethnic and racial differences in gastroparesis: Relationships with etiology, symptoms, and treatment**

Henry Parkman, Goro Yamada, Mark Van Natta, Irene Sarosiek, Ron Schey, **William Hasler**, Thomas Abell, Kenneth Koch, Braden Kuo, John Clarke, Madhusudan Grover, Gianrico Farrugia, Linda Nguyen, William Snape, Pankaj Pasricha, James Tonascia, Frank Hamilton, Richard McCallum

### Sa1096

#### **Therapeutic effects of cognitive behavioral therapy for insomnia on reflux symptoms**

**Joan Chen**, Cathy Goldstein, Deirdre Conroy

### Sa1137

#### **How do gastroenterologists manage eosinophilic esophagitis? Results of a provider survey**

**Joy Chang**, Sameer Saini, **Jessica Mellinger**, **Joan Chen**, Brian Zikmund-Fisher, **Joel Rubenstein**

### Sa1138

#### **Patients with likely eosinophilic esophagitis are at high risk for loss to follow-up after food impaction**

**Joy Chang**, Samuel Olson, Russell Dolan, Ju Young Kim, Georgiana Sanders, **Joel Rubenstein**

### Sa1217

#### **Small intestinal bacterial overgrowth clinical presentation in patients with Roux-en-Y gastric bypass**

**Allison Schulman**, Jason Baker, **Kimberly Harer**, **Allen Lee**, Christopher Thompson, **William Hasler**

### Sa1483

#### **Real-world rates of hepatitis B surface antigen (HBsAg) seroclearance in patients with chronic hepatitis B (CHB): A systematic review, conventional aggregated data meta-analysis (ADMA) and individual patient data meta-analysis (IPDMA) (234/255)**

Yee Hui Yeo, Hsiu Ho, Hwai-I Yang, Tai-Chung Tseng, Min-Sun Kwak, Young Min Park, James Fung, Maria Buti, Manuel Rodriguez, Sombat Treeprasertsuk, Carmen Preda, Teerapat Ungtrakul, Phunchai Charatcharoenwitthaya, Xiangyong Li, Michael Le, Bin Wei, Biyao Zou, An Le, Donghak Jeong, Nicholas Chien, Leslie Kam, Tetsuya Hosaka, Mar Riveiro, Doina Proca, Fumitaka Suzuki, Mariko Kobayashi, Tassanee Sriprayoon, Yutian Chong, Tawesak Tanwandee, Man-Fung Yuen, Hyo-Suk Lee, Jia-Horng Kao, **Anna Lok**, Chun-Ying Wu, Mindie Nguyen

### Sa1530

#### **Assessing use and risk stratification results of cardiac imaging tests among liver transplant candidates**

**Monica Konerman**, Richard Weinberg, Jeremy Slivnick, **Shreya Sengupta**, James Corbett, Christopher Sonnenday, **Robert Fontana**, **Pratima Sharma**

### Sa1548

#### **Abdominal pain in gastroparesis: A severe symptom in a third of gastroparesis patients**

Henry Parkman, Laura Wilson, **William Hasler**, Thomas Abell, Richard McCallum, Irene Sarosiek, Ron Schey, Braden Kuo, Kenneth Koch, John Clarke, Gianrico Farrugia, Madhusudan Grover, Linda Nguyen, William Snape, James Tonascia, Frank Hamilton, Pankaj Pasricha

### Sa1549

#### **Effect of domperidone on gastroparesis symptoms: Analysis of patients treated with domperidone in the NIDDK Gastroparesis Clinical Research Consortium (GPCRC) Registry**

Irene Sarosiek, Goro Yamada, Henry Parkman, Braden Kuo, Kenneth Koch, Thomas Abell, **William Hasler**, Linda Nguyen, John Clarke, Gianrico Farrugia, Madhusudan Grover, Ron Schey, Alan H Maurer, Katherine Yates, William Snape, Pankaj Pasricha, Laura Miriel, Frank Hamilton, James Tonascia, Richard McCallum

### Sa1551

#### **Gut dysbiosis contributes significantly to gastric pain in diabetic gastroparesis: treatment effects with rifaximin**

Ting Yu, Xiaoyin Wu, **Merritt Gilliland**, **Shi-Yi Zhou**, **Chung Owyang**

### Sa1561

#### **Standardizing parameters of fasting duodenojejunal manometry in healthy volunteers using clustered high-resolution pressure ports: Focus on migrating motor complex phase 2 contractions**

**William Hasler**, Jason Baker, Joseph Dickens, Mark Koenigsnecht, Ann Frances, **Allen Lee**, Kerby Shedden, **Kimberly Harer**, Gordon Amidon, Duxin Sun

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**SATURDAY, JUNE 2** (cont'd)

Sa1578

**Whole gut transit and contractile abnormalities captured by wireless motility capsule are common in patients with suspected gastroparesis despite normal gastric emptying scintigraphy**

*Allen Lee, William Hasler, Richard McCallum, Linda Nguyen, Richard Krause, Michael Schulman, John Wo, Irene Sarosiek, Baharak Moshiree, Henry Parkman, Braden Kuo, Satish Rao*

Sa1753

**Tofacitinib achieves symptomatic improvement within 3 days in moderately to severely active ulcerative colitis, regardless of prior tumour necrosis factor inhibitor treatment status: results from OCTAVE induction 1 & 2**

*Stephen Hanauer, Remo Panaccione, Silvio Danese, Adam Cheifetz, Walter Reinisch, Peter Higgins, Deborah Woodworth, Haiying Zhang, Gary Friedman, Nervin Lawandy, Daniel Quirk, Chudy Nduaka, Chinyu Su*

Sa1755

**Rapidity of clinical and laboratory improvements following upadacitinib induction treatment: Data from the CELEST study**

*Stefan Schreiber, Laurent Peyrin-Biroulet, Brigid Boland, Peter Higgins, Alessandro Armuzzi, Jonathan Terdiman, Wen Zhou, Gabriela Alperovich, Fabio Cataldi, Venkata Sasikiran Goteti, Ana Lacerda*

Sa1773

**Methotrexate is not superior to placebo in maintaining remission in patients with ulcerative colitis – results from the MERIT-UC study**

*Hans Herfarth, Edward Barnes, Susan Jackson, John Valentine, John Hanson, Peter Higgins, Kim Isaacs, Mark Osterman, Bruce Sands, James Lewis*

**SUNDAY, JUNE 3**

6:30 – 7:45 am • Breakfast with the Expert 140

**Pancreatic cysts: Diagnosis and management**

*Michelle Anderson, Anne Marie Lennon*

8:30 am • Research Forum 101

**Resolvins prevent ROS-mediated mucosa injury and protect gut barrier function by upregulating hemoxygenase-1 (HO-1)**

*Shi-Yi Zhou, Ji-Yao Li, Xiaoyin Wu, Chung Owyang*

9:05 am • AGA Research Symposium 102B

**Physical forces in gut development**

*Deborah Gumucio*

9:15 am • Research Forum 101

**Histone methylation regulates chronic stress-induced, interleukin 6-mediated down-regulation of epithelial tight junction protein and barrier dysfunction in the rodent colon and human colon in patients with IBS-D**

*Gen Zheng, John Wiley, Shuangsong Hong*

10:00 am • AGA Clinical Symposium 209

**Challenge of screening for esophageal adenocarcinoma**

*Joel Rubenstein*

10:05 am • AASLD Clinical Symposium 207

**Lifestyle interventions in NASH**

*Monica Konerman*

10:30 am • Topic Forum 150

**Impact of EUS-directed transgastric ERCP (EDGE procedure) access route on technical success and adverse events: A multi-center experience**

*Austin Chiang, Monica Gaidhane, David Loren, Michel Kahaleh, Alexander Schlachterman, Jennifer Millman, Amy Tyberg, Jose Nieto, Prashant Kedia, Paul Tarnasky, Isaac Rajjman, Harshit Khara, David Diehl, Anoop Prabhu, Thomas Kowalski*

10:50 am • AGA Postgraduate Course Hall E

**Irritable bowel syndrome: What's new?**

*William Chey*

11:00 am • AGA Research Symposium 101

**Mucosal oxidative stress and intestinal barrier dysfunction contribute to diabetic diarrhea which is prevented by resolvins**

*Ting Yu, Shi-Yi Zhou, Xiaoyin Wu, Chung Owyang*

12:30 – 1:45 pm 101

Meet-the-Professor Luncheon

**Beyond white light: Evidence-based approach to mucosal imaging**

*Marietta Iacucci, Thomas Wang*

1:15 pm Ballroom C

ASGE Postgraduate Course

**The perfect bowel prep: Is there a consensus?**

*Stacy Menees*

2:00 – 3:30 pm 101

AGA Research Symposium

**Organoids and Engineered Organ Systems**

Moderators: *John Lynch, Linda Samuelson*

3:00 pm • Research Forum Ballroom B

**Evaluating why and when patients discontinue chronic therapy for IBS with constipation and chronic constipation: A real-world experience**

*Suraj Suresh, Jessica Jou, Ryan Stidham, William Chey, Eric Shah*

3:15 pm • Research Forum Ballroom B

**How to get your functional GI patient functioning again**

*William Chey*

4:00 – 5:30 pm 151B

AGA Committee Sponsored Symposium

**Best of AGA at DDW in Chinese**

Moderators: *John Kao, Yunsheng Yang*

4:00 – 5:30 pm • AGA Plenary Session 103

**AGA Basic Science Plenary**

Moderators: *Linda Samuelson, Jerrold Turner*

4:00 pm 151B

AGA Committee-Sponsored Symposium  
Best of AGA at DDW in Chinese

**Inflammatory bowel disorders**

*John Kao*

## SUNDAY, JUNE 3 (cont'd)

4:20 pm • DDW Clinical Symposium 146A

### Best practices in repairing the pipeline: GI societies' approaches

*John Carethers*

4:22 pm 145A

AGA Committee-Sponsored Symposium

### Climbing the ranks: Promotions and advancement

*Bishr Omary*

5:00 – 5:30 pm 146A

DDW Clinical Symposium – Panel Discussion

### Ensuring diversity in gastroenterology: Practical approaches for GI societies, institutions and practices

Panel Discussion: *John Carethers, Luke-John Day, Sandra Quezada*

5:00 pm • Research Forum 151A

### Characterization of conditions underlying heartburn refractory to proton pump inhibitors (PPIs) in a VA cooperative study of medical and surgical treatments for PPI-refractory heartburn

*Stuart Spechler, Robert Lee, Brian Smith, Hiroshi Mashimo, Vivian Sanchez, Kerry Dunbar, Thai Pham, Uma Murthy, Taewan Kim, Christian Jackson, Jason Wallen, Erik Von Rosenvinge, Jonathan Pearl, Loren Laine, Anthony Kim, Andrew Kaz, Roger Tatum, Ziad Gellad, Sandhya Deenadayalan, Joel Rubenstein, Amir Ghaferi, Wai-Kit Lo, Ronald Fernando, Bobby Chan, Shirley Paski, Dawn Provenzale, Donald Castell, David Lieberman, Rhonda Souza, William Chey, Stuart Warren, Anne Karim, Shelby Melton, Robert Genta, Karen Jones, John Hunter*

5:06 pm 145A

AGA Committee Sponsored Symposium

### It's never easy: Navigating complications in clinical practice

*John Allen*

## POSTER SESSIONS • Sunday

Su1001

### A hidden cost of colonoscopy: Use of non-PEG preps in Medicare Part D from 2013–2015

*Andrew Read, Akbar Waljee, Sameer Saini*

Su1068

### Sleep disturbance is associated with increased reflux burden

*Joan Chen, Jason Baker, Joyee Lau, Joel Rubenstein, Cathy Goldstein*

Su1181

### Transcutaneous nonlinearity ultrasound differentiates early vs. advanced fibrotic lesions in vivo in the TNBS rat model and is feasible in patients with Crohn's disease

*Laura Johnson, Jonathan Dillman, James Hamilton, Jonathan Rubin, Peter Higgins*

Su1250

### Size and prior resection attempts affect probability of complete endoscopic resection of large non-ampullary duodenal adenomas

*Amar Mandalia, Pranith Perera, Anna Tavakkoli, Stacy Menees, Ryan Law, Anoop Prabhu, Aarti Bedi, Erik-Jan Wamsteker, Michelle Anderson, James Scheiman, Grace Elta, Richard Kwon*

Su1268

### Early recurrence and increased recurrence rates following endoscopic mucosal resection or local surgical resection of duodenal neuroendocrine tumors supports a role for early and long-term endoscopic surveillance

*Amar Mandalia, Andrew Nett, John Del Valle, Henry Appelman, Aarti Bedi, Ryan Law, Anoop Prabhu, Erik-Jan Wamsteker, Michelle Anderson, James Scheiman, Grace Elta, Richard Kwon*

Su1289

### Video capsule endoscopy utilization in the U.S. Medicare population from 2003–2015: Diffusion of an innovation

*Andrew Read, Michael Rice, Jason Baker, Akbar Waljee, Sameer Saini*

Su1328

### A 10-year single center retrospective analysis of factors affecting rapid on-site sensitivity of pancreatic EUS with FNA since 2007

*Arjun Sondhi, Anand Patel, Kevin Platt, Richard Kwon, Grace Elta, Erik-Jan Wamsteker, James Scheiman, Cyrus Piraka, Joseph Elmunzer, Aarti Bedi, Stacy*

*Menees, Anoop Prabhu, Ryan Law, Allison Schulman, Stacy Arnold, Judy Pang, Michael Hornstein, Michelle Anderson*

Su1436

### Lumen-apposing metal stents (LAMS) for pancreatic fluid collections are safe and associated with a low rate of delayed adverse events at the time of clinical follow-up: a multicenter retrospective analysis

*Dennis Yang, Yaseen Perbtani, Tossapol Kerdsirichairat, Anoop Prabhu, Amar Manvar, Sammy Ho, Davindebir Pannu, Rajesh Keswani, Daniel Strand, Andrew Wang, Eduardo Quintero, Jonathan Buscaglia, Thiruvengadam Muniraj, Harry Aslanian, Peter Draganov, Ali Siddiqui*

Su1509

### High rates of cardiovascular events in NAFLD patients: Real world evidence from TARGET-NASH

*Arun Sanyal, Kenneth Cusi, Roberto Firpi, Norman Gitlin, Cynthia Levy, Laura Malahias, Rajender Reddy, Cheryl Schoen, Michael Weiss, Anna Lok*

Su1591

### The impact of a GI-specific behavioral intervention on sleep quality in functional bowel disorder patients

*Megan Riehl, Ryan Stidham, Cathy Goldstein, Jami Kinnucan, William Chey*

Su1619

### Gender difference in patients with fecal incontinence: symptom severity, quality of life, and HR anorectal manometry results

*Stacy Menees, Jason Baker, William Chey*

Su1620

### What is the prevalence of dyssynergic defecation in patients with fecal incontinence undergoing high resolution anorectal manometry

*Stacy Menees, Jason Baker, William Chey*

Su1768

### Characterization of Notch isoform variants in young onset colorectal cancers

*Anand Venugopal, Tingting Qin, Erika Koeppe, Peter Ulintz, Laura Rozek, Elena Stoffel*

*continued next page*

## SUNDAY, JUNE 3 (cont'd)

Su1770

**A poly-alanine length polymorphism within Msh3 affects its intracellular shuttling to enhance dna damage and is enriched in patients with colorectal cancer (CRC) metastases**

*Stephanie Tseng-Rogenski, Minoru Koi, Chan Choi, Hyeong-Rok Kim, John Carethers*

Su1816

**Agreement of CT imaging features of Crohn's disease between radiologists and automated machine learning image analysis**

*Ryan Stidham, Binu Enchakalody, Akbar Waljee, Peter Higgins, Stewart Wang, Grace Su, Ashish Wasnik, Mahmoud Al-Hawary*

Su1878

**Serum markers can predict future fibrostenotic complications at the time of diagnosis in pediatric Crohn's disease**

*Jing Wu, David Lubman, Subra Kugathasan, Lee Denson, Jeffrey Hyams, Marla Dubinsky, Anne Griffiths, Robert Baldassano, Joshua Noe, Wallace Crandall, Peter Higgins, Ryan Stidham*

Su1900

**Automated image analysis of CT enterography studies predicts future surgery similar to experienced radiologist assessment in small bowel Crohn's disease**

*Ryan Stidham, Binu Enchakalody, Akbar Waljee, Peter Higgins, Stewart Wang, Grace Su, Mahmoud Al-Hawary, Ashish Wasnik*

Su1902

**Congenital hypothyroidism is a risk factor for inflammatory bowel disease**

*Timothy Kao, Mohamed Noureldin, John Kao, Helmut Grasberger, Jeremy Adler, Joyce Lee, Akbar Waljee*

Su1944

**Intestinal dysbiosis induces systemic dysregulation of biotin metabolism, resulting in extraintestinal manifestation**

*Yohei Mikami, Atsushi Hayashi, Kentaro Miyamoto, Nobuhiko Kamada, Toshiro Sato, Shinta Mizuno, Makoto Naganuma, Toshiaki Teratani, Ryo Aoki, Shinji Fukuda, Wataru Suda, Masahira Hattori, Masayuki Amagai, Manabu Ohyama, Takanori Kanai*

## MONDAY, JUNE 4

6:30 – 7:30 am **Marriott Marquis**  
AGA Focused Clinical Update

**Dietary modifications of the gut microbiome**

Moderator: *William Chey*

8:00 – 9:30 am • DDW Clinical Symposium 143

**Emergent presentation of colon and rectal cancers**

Moderators: *Michelle Anderson, Michael McGee*

8:00 am • AGA Translational Symposium 140

**Early targets in progression of Barrett's esophagus to esophageal adenocarcinoma**

*Thomas Wang*

8:30 am • AGA Clinical Symposium 146AB

**Gastroduodenal symposium: Chronic nausea; epigastric pain unresponsive to PPIs**

*William Chey, Braden Kuo, Gregory Sayuk*

8:40 am • DDW Clinical Symposium 143  
Emergent Presentation of Colon and Rectal Cancers

**Case scenarios**

*Michelle Anderson, Michael McGee*

8:45 am 207

AASLD Clinical Science Plenary Session

**Natural history and risk factors for variceal hemorrhage in biliary atresia: Results of a prospective multi-center longitudinal analysis**

*Lee Bass, Wen Ye, Kieran Hawthorne, Daniel Leung, Karen Murray, Jean Molleston, Rene Romero, Ronald Sokol, Saul Karpen, Philip Rosenthal, Kathleen Loomes, Kasper Wang, Robert Squires, Jorge Bezerra, Vicky Ng, Stephen Guthery, John Magee, Benjamin Shneider*

9:00 am • AGA Research Symposium 103

**The impact of obesity on clinical management of IBD**

*Ryan Stidham*

10:22 am **Ballroom A**  
AGA Presidential Plenary

**A VA cooperative, randomized trial of medical and surgical treatments for**

**patients with heartburn that is refractory to proton pump inhibitors**

*Stuart Spechler, Robert Lee, Brian Smith, Hiroshi Mashimo, Vivian Sanchez, Kerry Dunbar, Thai Pham, Uma Murthy, Taewan Kim, Christian Jackson, Jason Wallen, Erik Von Rosenvinge, Jonathan Pearl, Loren Laine, Anthony Kim, Andrew Kaz, Roger Tatum, Ziad Gellad, Sandhya Deenadayalan, Joel Rubenstein, Amir Ghaferi, Wai-Kit Lo, Ronald Fernando, Bobby Chan, Shirley Paski, Dawn Provenzale, Donald Castell, David Lieberman, Rhonda Souza, William Chey, Stuart Warren, Anne Karim, Shelby Melton, Robert Genta, Karen Jones, John Hunter*

10:45 am • Research Forum 103

**CXC chemokine receptor 2 (CXCR2) deficiency in myeloid-derived suppressor cells (MDSCs) exacerbates Helicobacter-induced gastric spasmodic peptide-expressing pseudopyloric metaplasia (SPEM) and alters mucous cell characteristics in mice**

*Mohamad El-Zaatari, Min Zhang, John Kao*

11:00 am • Research Forum 102B

**Notch ligand Delta-like 1 promotes epithelial cell proliferation in mouse stomach and functions as an antral stem cell niche factor**

*Nobukatsu Horita, Gail Gifford, Christian Siebel, Linda Samuelson*

12:30 – 3:00 pm **Hall D**

ASGE Hands on Workshop

**ASGE Hands on Workshop: EMR**

*Ryan Law, Richard Kwon, Cyrus Piraka, John Dumot, Joseph Elmunzer, Rajesh Keswani, Louis Wong Kee Song, Sean McCarthy, Sri Komanduri, Amy Hosmer, Gottumukkala Raju*

2:00 – 3:30 pm • AGA Clinical Symposium 144

**Impact of America's opioid epidemic on the practice of gastroenterology**

Moderators: *John Allen, Eva Szigethy*

2:00 – 3:30 pm • AGA Research Forum 102A

**Intestinal inflammation, fibrosis and regeneration**

Moderators: *Elke Cario, Peter Higgins*

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## MONDAY, JUNE 4 (cont'd)

2:00 pm • ASGE Topic Forum

143

### Safety and efficacy of using lumen apposing metal stents in the management of post-operative fluid collection (POFC): A large international, multicenter study

Juliana Yang, Jeremy Kaplan, Amrita Sethi, Enad Dawod, Reem Sharaiha, Austin Chiang, Thomas Kowalski, Jose Nieto, **Ryan Law**, Hazem Hammad, Sachin Wani, Mihir Wagh, Dennis Yang, Ahmed Messallam, Qiang Cai, Peter Draganov, Jason Jones, Vladimir Kushnir, Natalie Cosgrove, Ali Ahmed, Andrea Anderloni, Douglas Adler, Satish Nagula, Nikhil Kumta, Frank Vleggaar, Isaac Rajjman, Shayan Irani, Carlos Robles-Medranda, Abdul Hamid El Chafic, Rishi Pawa, Moamen Gabr, Olaya Brewer Gutierrez, Omid Sanaei, Mohamad Dbouk, Vivek Kumbhari, Vikesh Singh, Douglas Pleskow, Mouen Khashab

4:00 – 5:30 pm

151A

AGA Committee Sponsored Symposium

### Advancing clinical practice: Gastroenterology fellow-directed quality-improvement projects

Moderators: **Ricardo Badillo**, Jason Brown, Rena Hiren Yadlapati

4:00 – 5:30 pm • ASGE Clinical Symposium 147

### Pancreatic duct endotherapy: Caution or full steam ahead

Moderators: **Grace Elta**, Brian Brauer

4:00 – 5:30 pm

102A

AGA Distinguished Abstract Plenary

### Cellular & Molecular Gastroenterology Section Distinguished Abstract Plenary

Moderators: Jason Mills, **Linda Samuelson**

4:00 – 5:30 pm 201

AGA Distinguished Abstract Plenary

### Neurogastroenterology & Motility Section Distinguished Abstract Plenary

Moderators: Lin Chang, **John Wiley**

5:02 pm

102A

AGA Distinguished Abstract Plenary

### Regulation of Paneth cell function by bone morphogenetic protein signaling

Hidehiko Takabayashi, Maria Mao, Kathryn Eaton, Yitian Yang, **Merritt Gilliland**, Michael Rajala, **Andrea Todisco**

## POSTER SESSIONS • Monday

Mo1048

### A novel tool to assess symptoms of lactose intolerance and define meaningful patient benefit

Andrew Ritter, **William Chey**, Howard Foyt, Jason Lundy, Cheryl Coon, Dennis Savaiano

Mo1469

### Assessing the prescription opioid use among patients with chronic hepatitis C

**Monica Konerman**, Brooke Kenney, **Elliot Tapper**, **Jessica Mellinger**, **Pratima Sharma**, Shari Rogal, Amit Singal, **Sameer Saini**, Brahmajee Nallamothu, Mary Rogers, **Akbar Waljee**

Mo1479

### Using longitudinal prediction models to evaluate disease progression among 156,588 veterans with hepatitis C

**Monica Konerman**, Tony Van, Lauren Beste, George Ioannou, Boang Liu, Xuefei Zhang, **Grace Su**, Ji Zhu, **Sameer Saini**, Brahmajee Nallamothu, **Akbar Waljee**

Mo1529

### Trends in utilization of esophageal manometry and ambulatory reflux monitoring

Jason Baker, **Andrew Read**, **Joel Rubenstein**, **Sameer Saini**, **William Chey**, **Jacob Kurlander**, **Joan Chen**

Mo1608

### Re-thinking the re-prep: Attitudes towards non-invasive colorectal cancer screening tests in the setting of inadequate bowel preparation

Kevin Platt, Rachel Lipson, Megan Knaus, Brian Zikmund-Fisher, **Jacob Kurlander**, **Akbar Waljee**, **Sameer Saini**

Mo1648

### Exclusion diets and irritable bowel symptoms: A systematic review and meta-analysis

Joanna Dionne, Alexander Ford, Yuhong Yuan, **William Chey**, Eamonn Quigley, Paul Moayyedi

Mo1740

### Family history of colorectal cancer and risk for Barrett's esophagus

**Anna Tavakkoli**, Erika Koeppe, Peter Ulintz, John Inadomi, Hal Morgenstern, Henry Appelman, James Scheiman, Phillip

Schoenfeld, **Laurence McMahon**, Val Metko, **Elena Stoffel**, **Joel Rubenstein**

Mo1861

### Long-term safety of adalimumab in patients with moderate to severe ulcerative colitis: Interim results of a non-interventional registry, LEGACY

Peter Bossuyt, Raja Atreya, Carlos Taxonera Samsó, Xavier Hebuterne, Kim Isaacs, **Peter Higgins**, James Lindsay, Graham Heap, Dilek Arikian, Vera Kuehn, Joel Petersson, Anne Robinson, Edward Loftus

Mo1872

### Adalimumab persistence at 1 year is significantly higher in an integrated health care system than for privately insured patients with inflammatory bowel disease

Shail Govani, Rachel Lipson, Mohamed Noureldin, Wyndy Wiitala, **Peter Higgins**, Jacqueline Pugh, Dawn Velligan, **Ryan Stidham**, **Akbar Waljee**

Mo1962

### The impact of high vs. low FODMAP diet on GI symptoms and breath hydrogen & methane excretion in Thai healthy volunteers and subjects with functional bloating

Monthira Maneerattanaporn, Rewat Boonanuwat, Wantanee Kriengsinyos, **William Chey**

Mo1965

### Validation and feasibility of a food and symptom tracker (FAST) score using a mobile health application

Alma Jusufagic, Eldin Dzubur, Christopher Almario, Amber Howard, Bibiana Martinez, **William Chey**, Brennan Spiegel

Mo1966

### Is sucrase-isomaltase deficiency an under-recognized cause of IBD-D symptoms?

Stephen Simmer, **William Chey**, **Shanti Eswaran**, Jane Ranagan, Steve Petrucelli

Mo2000

### Choosing the right through-the-scope clip: A rigorous comparison of rotatability, whip, open/close precision, and closure strength

Thomas Wang, Hiroyuki Aihara, Andrew Thompson, **Allison Schulman**, Christopher Thompson, Marvin Ryoo

## TUESDAY, JUNE 5

6:30 – 7:45 am • Breakfast with the Expert 103

### Post ERCP pancreatitis: Minimizing risk and maximizing therapy

Ryan Law, Uzma Siddiqui

8:00 – 9:30 AM 151A

AGA Academy of Educators Plenary

### Valuing Education Leadership

Presentations by AGA Academy of Educators Educational Grant recipients

Megan Adams • grant recipient

8:00 – 9:30 am 143

DDW Translational Symposium

### Cannabinoids and Neurogastroenterology: A Weed for Occam's Razor

Moderators: Ron Schey, John Wiley

8:45 am • AGA Clinical Symposium 201

### Screening – What age to stop?

Sameer Saini

9:15 am • Research Forum 102A

### Secondary bile acids are responsible for high fat diet (HFD)-induced upregulation of R-spondin 3 which in turn mediates HFD-induced intestinal epithelial proliferation in rodents

Ji-Yao Li, Merritt Gilliland, Xiaoyin Wu, Shi-Yi Zhou, Chung Owyang

10:00 – 11:30 am 140

AGA Clinical Symposium

### Chronic diarrhea and IBS: Current knowledge and update on management strategies

Moderators: William Chey, Lawrence Schiller

10:00 – 11:30 am 201

AGA Distinguished Abstract Plenary

### Esophageal, Gastric & Duodenal Disorders (EGD) Section Distinguished Abstract Plenary: The best of Barrett's, EoE, GERD, H. pylori

Moderators: Ikuo Hirano, John Kao

11:00 am – 12:00 pm Ballroom C

ASGE Plenary Session

### ASGE Video Plenary – Part IV

Moderators: Grace Elta, Victoria Gomez, Swati Pawa, Renee Williams

11:00 am 146A

Clinical Science Late-Breaking Abstract Plenary

### Efficacy and safety of tenapanor in patients with constipation predominant irritable bowel syndrome: a 6-month, double-blind, placebo-controlled phase 3 trial (T3MPO-2)

William Chey, Anthony Lembo, Andrew Yan, David Rosenbaum

11:02 am • Distinguished Abstract Plenary 201

### Upregulation of acid-sensing ion channels 1 and 3 contribute to esophageal hypersensitivity in gastroesophageal reflux disease

Xu Han, Allen Lee, Jun Gao, Jiulong Zhao, Hui Wang, Zhaoshen Li, Duowu Zou, Chung Owyang

11:15 am 146A

Clinical Science Late-Breaking Abstract Plenary

### Clip closure after endoscopic resection of large intestinal polyps: A randomized trial (CLIP trial)

Heiko Pohl, Ian Grimm, Matthew Moyer, Muhammad Hasan, Douglas Pleskow, Joseph Elmunzer, Mouen Khashab, Omid Sanaei, Firas Al-Kawas, Stuart Gordon, Abraham Mathew, John Levenick, Harry Aslanian, Fadi Antaki, Daniel Von Renteln, Seth Crockett, Amit Rastogi, Jeffrey Gill, Ryan Law, Puja Elias, Maria Pellise, Michael Wallace, Todd MacKenzie, Douglas Rex

2:00 – 3:30pm • AGA Clinical Symposium 145A

### Colorectal cancer screening cage matches: The sequel

Moderators: Charles Kahi, Sameer Saini

2:00 – 3:30 pm • AGA Research Symposium 140

### Food allergies and sensitivities

Moderators: William Chey, Robert Shulman

2:00 – 4:00 pm Ballroom A

DDW Clinical Symposium

### Best of DDW 2018

Moderators: Grace Elta, Mary Hawn

2:30 pm Ballroom A

DDW Clinical Symposium

### Best of AGA at DDW 2018

John Allen

4:00 – 5:30 pm • AGA Research Forum 146B

### Hereditary cancer syndromes

Moderators: Manish Gala, Elena Stoffel

4:30 pm • Research Forum 201

### Resolvin D1 acting on G1 coupled Fpr2 receptor inhibits mast cell degranulation and prevents development of visceral hypersensitivity in IBS

Gintautas Grabauskas, Xiaoyin Wu, Chung Owyang

4:45 pm • Research Forum 209

### Mailed outreach invitations and patient navigation significantly improve hepatocellular carcinoma surveillance rates in patients with cirrhosis: A randomized controlled trial

Amit Singal, Jasmin Tiro, Caitlin Murphy, Jorge Marrero, Katharine McCallister, Hannah Fullington, Caroline Mejias, Akbar Waljee, Wendy Bishop, Noel Santini, Ethan Halm

5:00 pm • Research Forum 102B

### Artificial sweetener (saccharin) modulates visceral nociception by lipopolysaccharide-mediated gut barrier dysfunction and intestinal inflammation

Dabo Xu, Xiaoyin Wu, Ting Yu, Xu Han, Shi-Yi Zhou, Ji-Yao Li, Chung Owyang

## POSTER SESSIONS • Tuesday

Tu1005

### Willingness to stop proton pump inhibitors in patients with gastroesophageal reflux disease: Results of a patient survey

Jennifer Kennedy, Sameer Saini, Jacob Kurlander

Tu1012

### Getting better, but still room for improvement: Wait times for colonoscopy in the Veterans Health Administration

Megan Adams, Sameer Saini, Rachel Lipson, Robert Holleman, Joel Rubenstein

Tu1015

### With or without you: Patient concerns drive self-directed efforts to stop PPIs

Jacob Kurlander, Jennifer Kennedy, Elliot Tapper, Raymond De Vries, Sarah Krein, Caroline Richardson, Sameer Saini

continued next page

**Tu1024**

**Prepping for the move: Institutional study comparing interobserver agreement (IOA) between cytopathologists with rapid onsite evaluation (ROSE) of endoscopic ultrasound-fine needle aspiration (EUS-FNA) after workflow modification**

*Ricardo Badillo, Arjun Sondhi, Kevin Platt, Anand Patel, Richard Kwon, Allison Schulman, Anoop Prabhu, Stacy Menees, Aarti Bedi, James Scheiman, Grace Elta, Erik-Jan Wamsteker, Ryan Law, Michelle Anderson*

**Tu1113**

**Use of the electronic health record to target patients for non-endoscopic Barrett's esophagus screening**

*Brittany Baldwin-Hunter, Rita, Samantha Leeds, Joel Rubenstein, Charles Lightdale, Julian Abrams*

**Tu1368**

**Resolvins ameliorate fibrosis and alleviate pain in experimental chronic conditions**

*Xiaoyin Wu, Ji-Yao Li, Gintautas Grabauskas, Karissa Kao, Chung Owyang*

**Tu1451**

**Outcomes of patients with cirrhosis undergoing orthopedic procedures: An analysis of the national inpatient sample**

*Neehar Parikh, Yu-Hui Chang, Amit Mathur*

**Tu1491**

**Early tumor detection and curative treatment receipt mediate racial and ethnic disparities in hepatocellular carcinoma prognosis**

*Nicole Rich, Caitlin Hester, Mobolaji Odewole, Caitlin Murphy, Neehar Parikh, Jorge Marrero, Adam Yopp, Amit Singal*

**Tu1494**

**Effects of screening in nonalcoholic fatty liver disease and cryptogenic hepatocellular carcinoma**

*Vincent Chen, Ming-Lun Yeh, Ju Dong Yang, Debi Prasad, Jennifer Guy, Waqar Saeed, Tomi Jun, Pei-Chien Tsai, Pauline Nguyen,*

*Chung-Feng Huang, Hyo Young Lee, Nasra Giama, Nathan Kim, An Le, Hansen Dang, Hamdi Ali, Ning Zhang, Jee-Fu Huang, Chia-Yen Dai, Wan-Long Chuang, Yi-Hsiang Huang, Dae Won Jun, Edward Gane, Lewis Roberts, Ming-Lun Yu, Mindie Nguyen*

**Tu1502**

**Surveillance imaging and alpha fetoprotein for early detection of hepatocellular carcinoma in patients with cirrhosis**

*Kristina Tzartzeva, Joseph Obi, Nicole Rich, Neehar Parikh, Jorge Marrero, Adam Yopp, Akbar Waljee, Amit Singal*

**Tu1536**

**Fine mapping of a critical genetic element for liver metastasis from primary colorectal cancer (CRC) within the HIF3A locus**

*Carlos Zavala, Minoru Koi, Takahito Kitajima, Kazuya Yasui, Takeshi Nagasaka, Chan Choi, Hyeong-Rok Kim, Yuji Toiyama, John Carethers*

**Tu1584**

**Comparative quantitative analysis between the North American consensus positive hydrogen breath test – small intestinal bacterial overgrowth versus traditional thresholds**

*Jason Baker, William Chey, Allen Lee, Louise Amat, Richard Saad, Kimberly Harer, William Hasler*

**Tu1613**

**Value of automated pressure flow analysis (PFA) from high resolution impedance manometry (HRIM) data in predicting esophageal motor dysfunction and outcome in gastroesophageal reflux disease (GERD)**

*Stephen Hasak, Anastassios Manolakis, Ricardo Badillo, Albert Ding, Ans Pauwels, Jan Tack, Nathalie Rommel, Taher Omari, Prakash Gyawali*

**Tu1634**

**Mood disorders do not appear to impact discontinuation of chronic pharmacotherapy for IBS with constipation and chronic constipation**

*Jessica Jou, Suraj Suresh, Ryan Stidham, William Chey, Eric Shah*

**Tu1884**

**Improvement of clinical symptoms of lactose intolerance with a novel prebiotic galacto-oligosaccharide, RP-G28**

*Andrew Ritter, William Chey, Howard Foyt, William Sandborn, Dennis Savaiano*