



**SATURDAY, JUNE 2**

**A Prospective Multicenter Study Evaluating EUS and ERCP Competence During Advanced Endoscopy Training and Subsequent Independent Practice: The Rapid Assessment of Trainee Endoscopy Skills (Rates2) Study**

Wani SB, Keswani RN, Hall M, Han S, Aagaard E, Simon VC, Carlin L, Ellert S, Abidi WM, Baron TH, Brauer BC, **Hemant Chatrath**, Cote GA, Das KK, DiMaio CJ, Edmundowicz SA, El Hajj II, Hammad HT, Jalaj S, Kochman ML, Komanduri S, Lee LS, Mullady D, **V. Raman Muthusamy**, Nett AS, Olyae MS, Pakseresht K, Perera P, Pfau P, Piraka C, Rastogi A, Shah RJ, Sharma R, Scheiman JM, Tabibian JH, Uppal D, Urayama S, Wang AY, Zuchelli T, Bowman E, Lang G, Loren DE, El Chafic AH, Yachimski P, Gamboa A, Poneris JM, Wassef W, Sohail M, Stevens T, Confer B, Guda NM, Gan SI, Razzak A, Gordon SR, Ferriera J, Banerjee S, Choudhary A, Dries AM, Buscaglia JM, Tzimas D, Zepeda-Gomez S, Kenshil S, Lukens F, Bartel M, Jowell P, Spaete JP, Riff B, Harris C, Saligram S, Gannavarapu B, Chak A, Singh A, Early DS

Plenary Session

10:24 am

Ballroom C Washington Convention Center  
2914865

**Most Advanced Endoscopy Trainees (AETS) Meet Quality Indicator (QI) Thresholds in the First Year of Independent Practice: The Rapid Assessment of Trainee Endoscopy Skills (Rates2) Study**

Wani SB, Keswani RN, Early DS, Han S, Aagaard E, Simon VC, Carlin L, Ellert S, Bartel M, Bowman E, **Hemant Chatrath**, Choudhary A, Confer B, Cote GA, Das KK, DiMaio CJ, El Chafic AH, Edmundowicz SA, Ferriera J, Gannavarapu B, Hammad HT, Jalaj S, Komanduri S, Lang G, Mullady D, **V. Raman Muthusamy**, Pakseresht K, Rastogi A, Riff B, Saligram S, Shah RJ, Sharma R, Schuster IP, Singh A, Sohail M, Tabibian JH, Tzimas D, Uppal D, Wang AY, Zuchelli T, Hall M

Plenary Session

10:21 am

Ballroom C Washington Convention Center  
2915975

**Session I – Hot Topics**

**Lin Chang**

AGA Postgraduate Course: From Abstract to Reality – Course Director

8:25 am

Hall E Washington Convention Center  
2829033

**Approaches to Celiac Disease and Non-celiac Gluten Sensitivity**

Crowe SE, **Guy A. Weiss**

AGA Postgraduate Course Case-based Sessions  
4:00 pm

145A Washington Convention Center  
2832608

**Challenges in the Diagnosis and Treatment of Dysplastic Barrett’s Esophagus**

**V. Raman Muthusamy**

AGA Postgraduate Course Luncheon Breakout Session

11:45 am

145B Washington Convention Center  
2832634

**Endoscopic and Other Approaches to the Treatment of Chronic Pancreatitis**

Freeman, ML, **Stephen Kim**

AGA Postgraduate Course Case-based Sessions  
4:00 pm

151B Washington Convention Center  
2832617

**Postoperative Management of IBD: IPAA and Ileocolectomy**

Long MD, **Jenny Sauk**

AGA Postgraduate Course Case-based Session  
4:00 pm

146A Washington Convention Center  
2832625

**A Comparison of Outreach Interventions to Improve Colorectal Cancer Screening Uptake in an Academic Medical Center**

**Omar Bakr, Nasim Afsar-Manesh, Naveen Raja, Anna Dermenchyan, Noah Goldstein, Suzanne Shu, Folasade (Fola) P. May**

Research Forum

4:15 pm

201 Washington Convention Center  
2908431

**Over-utilization of Repeat Upper Endoscopy in Patients with Non-dysplastic Barrett’s Esophagus: A Population-based Study Using a National Benchmarking Registry**

Wani SB, Williams JL, Komanduri S, **V. Raman Muthusamy, Shaheen NJ**

Research Forum

10:00 am

207 Washington Convention Center  
2915285

**A Somatization Brain Network in Irritable Bowel Syndrome (IBS)**

Grinsvall C, Van Oudenhove L, **Jennifer S. Labus, Hyo Jin Ryu, Dupont P, Törnblom H, Emeran A. Mayer, Simren M**

Poster Session

12:00 pm

Hall C Washington Convention Center  
2921211

**Cognitive Behavioral Therapy is Associated with Symptom Improvement and Gray Matter Changes in Sensorimotor and Salience Network Regions in Irritable Bowel Syndrome**

**Hyo Jin Ryu, Jennifer S. Labus, Ravi Bhatt, Kirsten Tillisch, Bruce D. Naliboff, Cody Ashe-McNalley, Firth RS, Lackner JM, Emeran A. Mayer**

Poster Session

12:00 pm

Hall C Washington Convention Center  
2925740

**Diagnostic Colonoscopy Completion After Abnormal Fecal Immunochemical Testing Across 8 Federally Qualified Health Centers in Southern California: An Opportunity for Improving Screening Outcomes**

Bharti B, **Folasade (Fola) P. May**, Nodora J, Martinez ME, Moyano K, O’Connell S, Garcia-Bigley F, Ronan K, Barajas M, Gordon S, Diaz G, Ceja E, Powers M, Ramers CB, Davis S, Arredondo EM, Gupta S

Poster Session

12:00 pm

Hall C Washington Convention Center  
2915313

## SATURDAY, JUNE 2 (con't)

### **DNA Methylation Age Acceleration is Associated with Decreased Resilience in Irritable Bowel Syndrome**

*Colleen H. Parker, Swapna Mahurkar-Joshi, Dimitrios Iliopoulos, Charalabos Pothoulakis, Wendy Shih, Presson AP, Emeran A. Mayer, Lin Chang*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2913621

### **Economic Burden of Emergent Practices of Duodenoscopes Reprocessing and Surveillance: Balancing Risk- and Cost-containment**

*V. Raman Muthusamy, Ross AS*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2925730

### **Efficacy of Combined Transoral Incisionless Fundoplication and Laparoscopic Hiatal Hernia Repair**

*Kelly Wang, Farhaad Khan, Linda A. Hou, Sofiya Reicher, Fuller C, Sattler JA, Viktor E. Eysselein*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2915584

### **Factors Associated with Adenoma Detection in Propofol-sedated Patients**

*Hui Jia, Koo M, Hsieh YH, Tseng CW, Hu CT, Zhang L, Dong T, Pan Y, Felix W. Leung*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2877586

### **Higher Degrees of Dysplasia are Associated with Poor Quality of Life in Barrett's Esophagus Patients Referred for Endoscopic Eradication Therapy: Results from a Multicenter Cohort Study**

*Han S, Yadlapati R, Simon VC, Ezekwe E, Early DS, Kushnir V, Hollander T, Brauer BC, Hammad HT, Edmundowicz SA, Wood M, V. Raman Muthusamy, Komanduri S, Wani SB*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2915071

### **Microbiome and Bile Acid Profiles in Duodenal Aspirates from Cirrhotics Vary by Cirrhosis Etiology, Hepatic Encephalopathy, and Ethnicity**

*Jonathan P. Jacobs, Tien S. Dong, Vatche G. Agopian, Venu Lagishetty, Vinay S, Nouredin M, Francisco A. Durazo, Enayati P, David Elashoff, Goodman M, Shehnaz Hussain*

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2919731

### **Pre-transplant Sarcopenia in Patients with NASH Cirrhosis Does Not Impact Re-hospitalization or Mortality**

*Elizabeth Aby, Edward Lee, Satvir Saggi, Matthew R. Viramontes, Jonathan Grotts, Vatche G. Agopian, Ronald W. Busuttil, Sammy Saab*

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2883856

### **Progressive Cardiomyopathy, Gastroparesis, and Orthostasis Despite Liver Transplantation for Acquired Transthyretin Amyloidosis from Prior Domino Liver Transplant**

*Elizabeth Aby, Tien S. Dong, Reza Farshchi, Sammy Saab*

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2907707

### **Role of PI3K and PKD in Mediating YAP Activation in Response to Crosstalk Between Insulin/IGF-1 Receptor and G Protein-coupled Receptor Signaling Pathways in Pancreatic Ductal Adenocarcinoma Cancer Cells**

*Fang Ho, James Sinnott-Smith, Enrique Rozengurt*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2919169

### **Sex Differences: Early Life Adversity and Adult Stress are Associated with Alterations in the Extended Reward Network and Increased Food Addiction**

*Arpana Gupta, Vadim Osadchiy, Jennifer S. Labus, Lisa A. Kilpatrick, Claudia P. Sanmiguel, Lin Chang, Kirsten Tillisch, Bruce D. Naliboff, Emeran A. Mayer*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2923165

### **Statins Potently Inhibit YAP Nuclear Localization, Function and Proliferation of Human and Mouse Pancreatic Ductal Adenocarcinoma Cancer (PDAC) Cells**

*Fang Hao, James Sinnott-Smith, Enrique Rozengurt*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2918641

### **Survival Benefit of Using Hepatitis C Positive Grafts in Hepatitis C Negative Liver Transplant Recipients: A Decision-anaylas Mode**

*Sammy Saab, Ani Kardashian, Satvir Saggi, Gina Choi, Vatche G. Agopian, Myron Tong*

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2923363

### **Tenapanor Attenuates Increased Macromolecule Permeability in Human Colon Monolayer Cultures Induced by Inflammatory Cytokines and Human Fecal Supernatants**

*Wang J, Muriel H. Larauche, Siegel M, King AJ, Emeran A. Mayer, Kirsten Tillisch, Jennifer S. Labus, Lin Chang, Caldwell JS*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
918309

### **The Anti-diarrheal Effect of Free Fatty Acid Receptor (FFA)3 Agnoist AR420626 is Independent of FFA3 or PYY Signaling in a Murine Model of Irritable Bowel Syndrome**

*Izumi Kaji, Shimizu Y, Miyamoto J, Kimura I, Jonathan D. Kaunitz*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2925377

### **The Stable GLP-2 Analog Teduglutide Acutely Reduces Lipid-induced LPS Transport into the Portal Vein and Inhibits Intestinal Permeability Increase After Systemic Inflammation**

*Takeshi Takajo, Yasutada Akiba, Jonathan D. Kaunitz*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2916452

## SUNDAY, JUNE 3

### UGI Bleeding in 2018: What Should Be in Your Toolbox

**Dennis M. Jensen**

Meet- the-Professor Luncheons  
12:30 pm  
150 Washington Convention Center  
2856186

### Session V – Upper GI Tract

**Lin Chang**

AGA Postgraduate Course: From Abstract to Reality – Moderator  
8:30 am  
Hall E Washington Convention Center  
2829064

### Taking the Pain Out of Managing Functional GI Patients

**Lin Chang**

Clinical Symposium  
2:00 pm  
140 Washington Convention Center  
2830093

### Cathelicidin Inhibits Colon Cancer Metastasis with Disruption of Cytoskeleton and Inhibition of Cell Migration

**Michelle Chang, Hon Wai Koon**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2923711

### Colorectal Cancer or Polyps Presenting as Severe Hematochezia: Findings, Outcomes and Prognosis

**Daniel Eshtiaghpour, Dennis M. Jensen, Mary Ellen Jensen, Usah Khrucharoen, Gail Thibodeau**

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2913819

### Comparison of a Global Rating Scale (GRS) and a Validated Checklist Tool in the Assessment of Competence in EUS and ERCP among Advanced Endoscopy Trainees (AETS): Results from a Prospective Multicenter Study

**Simon VC, Han S, Keswani RN, Hall M, Aagaard E, Carlin L, Ellert S, Cote GA, Brauer BC, DiMaio CJ, Edmundowicz SA, Komanduri S, Mullady D, V. Raman Muthusamy, Rastogi A, Shah RJ, Wang AY, Early DS, Wani SB**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2916085

### Cost Analysis of Upfront Needle-based Confocal Laser Endomicroscopy for Pancreatic Cystic Lesions via Current AGA and Fukuoka Guidelines

**Singh A, V. Raman Muthusamy**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2924805

### Demographics and Clinical Characteristics of Patients Diagnosed with Early-onset Colorectal Cancer in the Greater Los Angeles Veteran Affairs Healthcare System

**Tina Storage, Purnima Bharath, Christine Yu, Frank Chen, Anna Betlachin, Folasade (Fola) P. May**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2915989

### Doppler Endoscopic Probe Guided Hemostasis Improves Outcomes of Severe UGI Hemorrhage from Varices and Other Portal Hypertension Lesions

**Dennis M. Jensen, Mary Ellen Jensen, Daniela Markovic, Jeffrey Gornbein**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2915979

### Effectiveness and Durability of Endoscopic Eradication Therapy (EET) with Endoscopic Mucosal Resection (EMR) in a Large Multicenter Cohort: The Treat-BE Consortium

**Schenck R, Triggs J, Wood M, Gregory DL, Kia L, Edmundowicz SA, Brauer BC, Hammad HT, Simon VC, Ezekwe E, Kushnir VM, Early DS, Hollander T, Stephen Kim, Alireza Sedarat, V. Raman Muthusamy, Wani SB, Komanduri S**

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2924979

### Effects of an Intraperitoneal Adrenomedullin Treatment on Feeding and Drinking Behavior, Energy Balance and Metabolic Hormones

**Arielle Gabalski, John P. Vu, Leon Luong, Daniel Sanford, Suwan Oh, Joseph R. Pisegna, Patrizia M. Germano**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2926190

### Endoscopic Ultrasound Performance Quality Indicators at a Safety Net Hospital

**Lawrence Ku, Timothy Yoo, Adnan Ameer, Linda A. Hou, Viktor E. Eysselein, Sofiya Reicher**

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2925965

### Fecal Transplantation from Obese, High-fat Fed Mice Affects Fat and Lean Body Mass and Gut Bitter Taste Receptor Subtypes, T2R138 and T2R116, Expression

**Filippo Caremoli, Jennifer Huynh, De Gorgio R, Catia Sternini**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2926079

### Gene Expression Profiling Identifies *IFNG-AS1/NEST* as a Long Non-coding RNA Associated with IBD

**David M. Padua, Carl R. Rankin, van Buuren N, Kirkegaard K**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2911680

### Histone Deacetylase 7 Expression is Upregulated in Colonic Tissues from DDS-induced Colitis Mice and from Patients with Active Ulcerative Colitis

**Artin Soroosh, Ivy Ka Man Law, Marina Koutsidoumpa, Charalabos Pothoulakis, Dimitrios Iliopoulos**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2923464

### Inflammatory Bowel Disease is Associated with Increased Sedation and Analgesia Requirements During Outpatient Colonoscopy

**Andrew T. Weber, Nimah Jamaluddin, Vivy Tran, Ha C, Jenny Sauk**

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2908290

## SUNDAY, JUNE 3 (con't)

### Predictors for Identifying the Etiology of Bleeding in Patients Undergoing Video Capsule Endoscopy (VCE) for Suspected Small Bowel Bleeding

**Neil B. Marya, Sonya Dasharathy, Adarsh M. Thaker, Jennifer Phan, M. Phillip Fejleh, Alireza Sedarat, V. Raman Muthusamy, Stephen Kim**

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2914184

### Substance P Signaling Alters Microbiota in Experimental Colitis

**Kai Fang, Ivy Ka Man Law, Jonathan P. Jacobs, Charalabos Pothoulakis**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2915588

### The Long Intergenic, Non-coding RNA, *Olmalc*, Influences Lipid Metabolism in Hepatocytes By Regulating SREBP1 and SREBP2, and May Play a Critical Role in the Development of NAFLD

**Jihane N. Benhammou, Arthur Ko, Marcus Alvarez, Kaminska D, Pihlajamäki J, Joseph R. Pisegna, Päivi Pajukanta**

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2925602

## MONDAY, JUNE 4

### Brain-gut Alterations in Germ-free Mice Transplanted with Fecal Microbiota from IBS Patients

**Muriel H. Larauche, Julianne McGinn, Jennifer S. Labus, Kirsten Tillisch, Lin Chang, Emeran A. Mayer, Elaine Hsiao**

Research Forum  
10:00 am  
144 Washington Convention Center  
2923782

### Direct Signaling of TL1A-DR3 on Fibroblasts Induces Intestinal Fibrosis *In Vivo*

**Noam Jacob, Kumagai K, Abraham JP, Shimodaira Y, Ye Y, Luu J, Targan SR, Michelsen KS, Shih D**

Research Forum  
2:30 pm  
102A Washington Convention Center  
2906669

### Gene Expression Network Analysis of the Gut-Brain Axis Supports an Association Between Alpha-synuclein and Markers of Enteric Glial Cells

**Elizabeth J. Videlock, Swapna Mahurkar-Joshi, Jill M. Hoffman, Charalabos Pothoulakis**

Research Forum  
11:00 am  
144 Washington Convention Center  
2916143

### Stressful Life Events in Adulthood Increase Risk for Irritable Bowel Syndrome and Symptom Severity

**Colleen H. Parker, Bruce D. Naliboff, Wendy Shih, Presson AP, Elizabeth J. Videlock, Emeran A. Mayer, Lin Chang**

Research Forum  
10:00 am  
201 Washington Convention Center  
2894843

### Endoscopists Biopsy the Least Those Who Need It the Most: An Analysis of Barrett's Esophagus Biopsy Practices from a National Quality Benchmarking

**Wani SB, Williams L, Komanduri S, V. Raman Muthusamy, Shaheen NJ**

Topic Forum  
4:15 pm  
146C Washington Convention Center  
2915242

### Practice Patterns and Beliefs in the Use of Advanced Imaging Modalities (AIMS) in Surveillance of Barrett's Esophagus (BE): A Survey of International Experts

**Machicado JD, Han S, Simon VC, Qumseya BJ, Sultan S, Komanduri S, Rastogi A, V. Raman Muthusamy, Kushnir VM, Haidry R, Singh R, Yadlapati R, Ragunath K, Shaheen NJ, Wani SB**

Topic Forum  
8:30 am  
152 Washington Convention Center  
2906763

### Setting Minimum Standards for Training in EUS and ERCP: Results from a Prospective Multicenter Study Evaluating Learning Curves and Competence Among Advanced Endoscopy Trainees (AETS)

**Wani SB, Han S, Simon VC, Hall M, Early DS, Aagaard E, Carlin L, Ellert S, Abidi WM, Baron TH, Brauer BC, Hemant Chatrath, Cote GA, Das KK, DiMaio CJ, Edmundowicz SA, El Hajj II, Hammad HT, Jalaj S, Kochman ML, Komanduri S, Lee LS, Mullady D, V. Raman Muthusamy, Nett AS, Olyae MS, Pakseresh K, Perera P, Pfau P, Piraka C, Rastogi A, Shah RJ, Sharma R,**

**Scheiman JM, Tabibian JH, Uppal DS, Urayama S, Wang AY, Zuchelli T, Bowman E, Lang G, Loren DE, El Chafic AH, Yachimski P, Gamboa A, Ponerros JM, Wassef W, Sohail M, Stevens T, Confer B, Guda NM, Gan SI, Razzak A, Gordon SR, Ferriera J, Banerjee S, Choudhary A, Dries AM, Buscaglia JM, Tzimas D, Zepeda-Gomez S, Kenshil S, Lukens F, Bartel M, Jowell P, Spaete JP, Riff B, Harris C, Saligram S, Gannavarapu B, Chak A, Singh A, Keswani RN**

Topic Forum  
4:00 pm  
150 Washington Convention Center  
2916091

### Adherence to Second Surveillance Recommendations Before and After 2012 United States Multi-society Task Force (MSTF) Guideline for Colonoscopy Surveillance After Polypectomy

**Rosas US, Pan JY, Sundaram V, Andrew Su, Ladabaum U**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2925144

### Brain Mechanisms Underlying Symptom Improvement in Irritable Bowel Syndrome (IBS) Patients Undergoing Mindfulness Training

**Kirsten Tillisch, Lisa A. Kilpatrick, Ravi Bhatt, Jennifer S. Labus, Arpana Gupta, Cody Ashe-McNalley, Jean Stains, Suzanne R. Smith, John G. Serpa, Bruce D. Naliboff**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2921001

### Cognitive Behavioral Therapy Alters Functional and Anatomical Brain Connectivity

**Jennifer S. Labus, Kirsten Tillisch, Arpana Gupta, Cody Ashe-McNalley, Cathy Liu, Firth RS, Lackner JM, Bruce D. Naliboff, Emeran A. Mayer**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2925286

### Early Capsule Endoscopy Identifies Bleeding Location More Often Than Standard of Care in Patients Presenting with Hematochezia and Anemia

**Jawaid S, Neil B. Marya, Foley A, Bhattacharya K, Marshall CA, Cave DR**

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2911279

## MONDAY, JUNE 4 (con't)

### Early Life Adversity is Associated with Increased Susceptibility to Brain-gut Alterations and Hedonic Eating Behaviors in Obesity

**Arpana Gupta, Vadim Osadchiy, Jennifer S. Labus, Jonathan P. Jacobs, Lisa A. Kilpatrick, Claudia P. Sanmiguel, Kirsten Tillisch, Lin Chang, Bruce D. Naliboff, Emeran A. Mayer**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2923353

### Functional Localization of FFA2 to the Basolateral Membrane of Enterochromaffin Cells in Rat and Mouse Duodenum

**Yasutada Akiba, Tasheshi Takajo, Jonathan D. Kaunitz**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2916307

### IBD Patients without Active GI Follow-Up are Less Likely to Undergo Dysplasia Surveillance Colonoscopy: The VA Experience

**Gu P, Jenna K. Kawamoto, Vivek Dixit, Joseph R. Pisegna, David M. Padua, Jonathan P. Jacobs**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2911130

### Incidence of and Risk Factors for Recurrent Primary Sclerosing Cholangitis After Liver Transplantation

**Zakharia K, Ali AH, James H. Tabibian**

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2925884

### Increased Perceived Stress is Associated with a Sex-dependent Functional Change in the Brain of Irritable Bowel Syndrome Patients

**Amir Kalani, Jennifer S. Labus, Lin Chang, Emeran A. Mayer**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2925516

### Inflammatory Bowel Disease-associated Gut Microbiotas Impact Homeostatic and Pathogenic Intestinal Immune Responses in Gnotobiotic Mice

**Britton GJ, Contijoch EJ, Mogno I, Vennaro OH, Llewellyn SR, Ng R, Li Z, Mortha A, Merad M, Das A, Gevers D, McGovern D, Singh N, Jonathan Braun, Jonathan P. Jacobs, Clemente JC, Grinspan A, Colombel JF, Dubinsky M, Faith J**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2924024

### Lumen-apposing Metal Stent Placement for Wall-off Pancreatic Necrosis: Results of a Practice Pattern Survey of US Gastroenterologists

**M. Phillip Fejleh, Jennifer Phan, Neil B. Marya, Adarsh M. Thaker, Melinda Rogers, Stephen Kim, V. Raman Muthusamy, Alireza Sedarat**

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2916595

### Metformin Prevents KRAS-mutant Pancreatic Ductal Adenocarcinoma Promoted by Diet-induced Obesity

**Hui-Hua Chang, James Sinnott-Smith, Andrea I. Schmidt, Oscar J. Hines, Guido Eibl, Enrique Rozengurt**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2918694

### Phox2b-positive Cells Arise Independently of Pre-existing Enteric Neuronal Precursors in the Post-colonized Gut, as Revealed by Live Time-lapse Imaging of Zebrafish Embryos

**Wael N. El-Nachef, Bronner M**

**POSTER OF DISTINCTION**  
Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2916627

### Water Exchange Alone (WE) and Water Exchange with Chromoendoscopy (CWE) Significantly Enhanced Detection of Proximal Colon Sessile Serrated Lesions (SSLS) Compared with Air Insufflation (AI) in a RCT

**Leung JW, Yen AW, Opada C, Melnik A, Atkins J, Feller C, Wilson M, Felix W. Leung**

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2905698

### Water Exchange Colonoscopy is Superior to Air/Carbon Dioxide Insufflation and Water Immersion Techniques: A Meta-analysis and Systemic Review of Randomized Controlled Trials

**Gupta A, Onteddu N, Murali AR, Felix W. Leung**

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2898831

### Water Exchange (WE) Colonoscopy Significantly Increase, Not Only Overall, but Also Advanced Adenoma Detection Rate

**Hui Jia, Koo M, Leung JW, Pan Y, Cadoni S, Radaelli F, Falt P, Hu CT, Hsieh YH, Felix W. Leung**

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2904698

## TUESDAY, JUNE 5

### Diagnosing IBS and Other Functional Bowel Disorders

**Lin Chang**

Clinical Symposium  
10:44 am  
140 Washington Convention Center  
2829304

### Unsedated Colonoscopy: Starting a Program and Reaching a New Audience

**Felix W. Leung**

Clinical Symposium  
8:00 am  
152 Washington Convention Center  
2837679

### Correlation of Gut Microbiota-derived Tryptophan Metabolites with Connectivity of Extended Central Reward Network in Healthy Subjects

**Vadim Osadchiy, Jennifer S. Labus, Arpana Gupta, Jonathan P. Jacobs, Cody Ashe-McNalley, Elaine Hsiao, Lin Chang, Claudia P. Sanmiguel, Emeran A. Mayer**

Research Forum  
11:15 am  
101 Washington Convention Center  
2925134

## TUESDAY, JUNE 5 (con't)

### Dynamic Changes in Gut Microbial Derived Indole and Phenol Products After Bariatric Surgery and Its Relationship to Weight Loss

*Daniel Braas, Jennifer S. Labus, Arpana Gupta, Jonathan P. Jacobs, Jean Stains, Cathy Liu, Anna Balioukova, Yijun Chen, Erik Dutson, Emeran A. Mayer, Claudia P. Sanmiguel*

Research Forum  
11:15 am  
101 Washington Convention Center  
2926281

### Epigenetic Changes in Blood Cells and Colonic Mucosa are Associated with Irritable Bowel Syndrome (IBS)

*Swapna Mahurkar-Joshi, Elizabeth J. Videlock, Dimitrios Iliopoulos, Charalabos Pothoulakis, Emeran A. Mayer, Lin Chang*

Research Forum  
4:15 pm  
201 Washington Convention Center  
2919788

### Geographic Variability in Surveillance Practices and Use of Advanced Imaging Modalities (AIMS) in Barrett's Esophagus (BE): A Survey Study of International Experts

*Machicado JD, Han S, Simon VC, Qumseya BJ, Sultan S, Komanduri S, Rastogi A, V. Raman Muthusamy, Kushnir VM, Haidry R, Singh R, Yadlapati RH, Ragunath K, Hammad HT, Shaheen NJ, Wani SB*

Research Forum  
5:00 pm  
144 Washington Convention Center  
2906681

### Glutamate and Hedonic Eating: Role of the Brain-gut Microbiome Axis on Changes on Hedonic Eating After Bariatric Surgery

*Jonathan P. Jacobs, Daniel Braas, Arpana Gupta, Venu Lagishetty, Jean Stains, Cathy Liu, Yijun Chen, Erik Dutson, Jennifer S. Labus, Emeran A. Mayer, Claudia P. Sanmiguel*

Research Forum  
5:15 pm  
101 Washington Convention Center  
2925593

### Human Long Non-coding RNA (LNCRNA) CCAT1 and UCA1 Regulate Proinflammatory Response and Cell Migration in Human and Mouse Intestinal Epithelial Cells

*Ivy Ka Man Law, David M. Padua, Dimitrios Iliopoulos, Charalabos Pothoulakis*

Research Symposium  
2:54 pm  
103 Washington Convention Center  
2918647

### Intestinal Microbiota Predict Response to Cognitive Behavioral Therapy for Irritable Bowel Syndrome

*Jonathan P. Jacobs, Lackner JM, Venu Lagishetty, Gudleski GD, Firth RS, Kirsten Tillisch, Bruce D. Naliboff, Jennifer S. Labus, Emeran A. Mayer*

Research Forum  
10:30 am  
101 Washington Convention Center  
2923889

### Racial and Ethnic Disparities in Hepatocellular Carcinoma Incidence, Mortality, and Stage at Presentation in the United States

*Folasade (Fola) P. May, Albenayan R, Gray DM, Gupta S*

Research Forum  
8:00 am  
206 Washington Convention Center  
2907781

### TL1A Overexpression Drives Paneth Cell Hyperplasia and Prevents Maturation of Lysozyme Containing Granules in the Presence of Intact Microbiota

*Ye Y, Shimodaira Y, Noam Jacob, Kumagai K, Abraham JP, Jonathan P. Jacobs, Michelsen KS, Shih D, Targan SR*

Research Forum  
102B Washington Convention Center  
2908277

### The P21-activated Kinase (PAK) I and II Phosphorylate PKD1 at a Novel Site and Regulate PKD1 Intracellular Distribution in Intestinal Epithelial Cells

*Jen-Kuang Chang, James Sinnett-Smith, Enrique Rozengurt*

Research Form  
11:00 am  
102B Washington Convention Center  
2919606

### A Multicenter Study Evaluating the Efficacy of an Educational Module to Improve Endoscopic Detection of Barrett's Esophagus Associated Neoplasia (BE-AN) Among Gastroenterology Trainees: A Video-based Study

*Mittal C, Cinnor B, Han S, Simon VC, Wood M, Beveridge C, Pervez A, Kushnir V, Early D, V. Raman Muthusamy, Dean Ehrlich, Rastogi A, Komanduri S, Wani SB*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2923669

### Circulating Elafin Levels Accurately Indicates Presences of Strictures in Crohn's Disease Patients

*Jiani Wang, Wendy Ho, Shih DQ, Hon Wai Koon*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2923591

### Consistent Efficacy of Avatrombopag Compared to Placebo in Patients with Thrombocytopenia and Chronic Liver Disease Undergoing Procedures Across Various Liver Disease Severities and Etiologies

*Sammy Saab, Allen LF, Aggarwal K, Vredenburg M, Terrault N*

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2913002

### Efficacy of Avatrombopag Compared with Placebo Across Various Mean Baseline Platelet Count Subgroups – Pooled Data from 2 Phase 3 Studies

*Sammy Saab, Alkhouri N, Allen LF, Aggarwal K, Vredenburg M, Tian W*

Poster Session  
11:45 am  
Hall C Washington Convention Center  
2912817

### Gastrointestinal Symptom Outcomes Following Bariatric Surgery in Patients with Preoperative Esophageal Testing

*Bennett MC, Hobbs P, Patel KS, David Lin, Eluri S, Salles A, Eckhouse S, Eagon JC, Gyawali CP*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2921273

### IBS-associated SCN5A Mutation G615E Results in Nav1.5 Voltage-dependent Sodium Channels with Normal Voltage-dependent Function and Loss of Mechanosensitivity

*Strege PR, Mazzone A, Saito Loftus YA, Bernard C, Gibbons SJ, Linden DR, Lin Chang, Beyder A, Farrugia G*

Poster Session  
12:00 pm  
Hall C Washington Convention Center  
2918649

## TUESDAY, JUNE 5 (con't)

### **Protein Kinase D Promotes Intestinal Stem Cell Proliferation and Enteroid Growth**

*Yuki Shimizu, James Sinnett-Smith, Jiafang Wang, Martin G. Martin, Enrique Rozengurt*

Poster Session

12:00 pm

Hall C Washington Convention Center

2918964

### **Regional Variations and Trends in Quality Indicator (QI) Performance in Barrett's Esophagus (BE): Results from a Population-based Study Using a National Benchmarking Registry**

*Wani SB, Williams L, Komanduri S, V. Raman Muthusamy, Shaheen NJ*

Poster Session

11:45 am

Hall C Washington Convention Center

2915448

### **Risk Stratification for Esophageal Variceal Screening in Cirrhosis: A Cohort Study**

Long B. Le, *Amir Kalani, Tien S. Dong*, Lindor KD, *James H. Tabibian*

Poster Session

11:45 am

Hall C Washington Convention Center

2925811

### **The Impact of Endoscopic Mucosal Resection on Final Histopathology in Patients with Barrett's Esophagus Associated Neoplasia**

*Schenck R, Wood M, Triggs J, Gregory DL, Edmundowicz SA, Brauer BC, Hammad HT, Simon VC, Ezekwe E, Early DS, Hollander T, Kushnir V, Stephen Kim, Alireza Sedarat, V. Raman Muthusamy, Wani SB, Komanduri S*

Poster Session

12:00 pm

Hall C Washington Convention Center

2926148

### **The Impact of Optical Chromoendoscopy on Visible Lesion Detection, Resection, and Outcome in Patients Undergoing Endoscopic Eradication Therapy**

*Schenck R, Triggs J, Wood M, Gregory DL, Brauer BC, Hammad HT, Simon VC, Ezekwe E, Edmundowicz SA, Kushnir VM, Early DS, Hollander T, Stephen Kim, Alireza Sedarat, Wani SB, V. Raman Muthusamy, Komanduri S*

Poster Session

12:00 pm

Hall C Washington Convention Center

2925999