



**SATURDAY, MAY 6**

**ASGE Hands-On Workshop:  
Hemorrhoid Therapies**

*BJ Dunkin, N Gupta, A Foxx-Orenstein,  
Dennis M. Jensen, SV Kantsevov, MF McGee,  
EM Pauli, WA Qureshi, TJ Savides*

Hands-on Workshop  
8:00 AM  
South Hall - McCormick Place 2716435

**42 Y/O Media Consultant with Severe IBS**

**Lin Chang**  
Postgraduate Course Case-based Sessions  
4:00 PM  
E450a - McCormick Place 2612209

**The 2016 Election: What It Means for  
Research Policy?**

**Folasade (Fola) P. May**  
Clinical Symposium  
8:20 AM  
S100C - McCormick Place 2596925

**Standard and Alternative Approaches  
to Malignant Biliary Obstruction**

**V. Raman Muthusamy**  
Clinical Symposium  
10:15 AM  
S401 - McCormick Place 2610771

**Endoscopic Management of Post-bariatric  
Surgery Adverse Events**

**Rabindra R. Watson**  
Clinical Symposium  
2:50 PM  
S401 - McCormick Place 2612089

**Neuropeptides and Mucosal Healing**

**Charalabos Pothoulakis**  
Research Symposium  
3:00 PM  
S105a - McCormick Place 2596871

**GLP-2 Acutely Enhances Duodenal  
SGLT1-mediated Glucose Absorption  
via EGF Signaling and Neural Pathways**

**Izumi Kaji, Yasutada Akiba, Jonathan D. Kaunitz**  
Research Forum  
8:00 AM  
S403a - McCormick Place 2678736

**Serotonin Released By FFA2 Activation  
Stimulates HCO3-secretion, but Induces  
Mucosal Injury in Rat Duodenum**

**Koji Maruta, Yasutada Akiba, Izumi Kaji,  
Jonathan D. Kaunitz**  
Research Forum  
8:15 AM  
S105bcd - McCormick Place 2677503

**Intestine-specific Dual Oxidase Deficiency  
Lacks ATP-P2Y-mediated Luminal H2O2  
Production in Mouse Duodenum and Cecum**

**Yasutada Akiba, Koji Maruta, Izumi Kaji,  
Jonathan D. Kaunitz**  
Research Forum  
8:45 AM  
S105bcd - McCormick Place 2679649

**Clostridia from the Gut Microbiome are  
Associated with Brain Functional Connectivity  
and Evoked Symptoms in IBS**

**Jennifer S. Labus, Elaine Hsiao, J Tap, M Derrien,  
Arpana Gupta, B Le Nevé, R Brazeilles, C Grinsvall,  
L Ohman, H Törnblom, Kirsten Tillisch, M Simren,  
Emeran A. Mayer**  
Research Forum  
2:20 PM  
S403a - McCormick Place 2685788

**Brain-gut Axis and Bariatric Surgery: Weight  
Loss and Changes in Brain Control of Feeding  
Behaviors are Mediated by Alterations in Amino  
Acids Metabolic Pathways**

**Arpana Gupta, Jennifer S. Labus, Erik Dutson,  
Kareem Hamadani, Kristen Coveleskie, Jean  
Stains, Tiffany Ju, Anna Balioukova, Yijun Chen,  
Emeran A. Mayer, Claudia P. Sanmiguel**  
Research Forum  
2:37 PM  
S403a - McCormick Place 2677725

**Colonic Mucosal Microbiome is Associated  
with Mucosal MicroRNA Expression in Irritable  
Bowel Syndrome**

**Swapna Mahurkar-Joshi, Jennifer S. Labus,  
Jonathan Jacobs, Elizabeth J. Videlock,  
Venu Lagishetty, Dimitrios Iliopoulos,  
Emeran A. Mayer, Lin Chang**  
Research Forum  
3:11 PM  
S403a - McCormick Place 2679405

**Fidaxomicin and OP1118 Inhibit C. difficile  
Toxin A- and B-mediated Inflammatory  
Responses via Inhibition of NF-KB Activity**

**Hon Wai Koon, Jiani Wang, X Chen, CP Kelly,  
Charalabos Pothoulakis**  
Research Forum  
4:00 PM  
S102abc - McCormick Place 2682440

**Predictors of Interobserver Variability (IOV)  
Among Cytopathologists (CYPS) Evaluating  
Pancreatic Endoscopic Ultrasounds-guided  
Fine Needle Aspiration (EUS-FNA) Cytology  
Specimens: A Multicenter Validation Study**

**R Mounzer, CB Marshall, M Hall, VC Simon,  
BA Centeno, K Dennis, J Dhillon, F Fan, L Khazai,  
JB Klapman, S Komanduri, X Lin, David Lu,  
S Mehrotra, V. Raman Muthusamy, R Nayar,  
A Paintal, Jianyu Rao, S Sams, JN Shah, TM  
Tynan, Rabindra R. Watson, A Rastogi, SB Wani**  
Topic Forum  
10:30 AM  
E450a - McCormick Place 2674420

**A Comparison of Right Colon Adenoma  
Detection Rate (RADR) and Proximal Colon ADR  
(PADR) for CAP-assisted Total Water (CATW) vs  
CAP-assisted Water Exchanged (CAWE) Methods  
in Screening Colonoscopy**

**JW Leung, A Melnik, J Pearcy, AW Yen,  
Felix W. Leung**  
Topic Forum  
2:30 PM  
E450a - McCormick Place 2670129

**Adenoma Detection - Where are We Now  
and Where are We Going**

**Felix W. Leung**  
Topic Forum  
3:15 PM  
E450a - McCormick Place 2718984

**Abdominal Compression Administered Early  
by the Colonoscopist Shortened Insertion Time  
of Water Exchange Colonoscopy**

**Y Hsieh, CW Tseng, Felix W. Leung**  
Poster Session  
12:00 PM  
South Hall - McCormick Place 2675176

**Comparison of Transoral Outlet Reduction (TORE) Alone Versus with Gastroplasty (TORE-G): A Matched Cohort Analysis**

*Rabindra R. Watson, Brian L. Huang, D Goyal, Neela Easwar, SS Irani, MC Larsen*

Poster Session

12:00 PM

South Hall - McCormick Place 2684749

**Do We Properly Diagnose Our Celiac Patients? Three Year Follow Up in a Celiac Referral Center**

*Aria Zand, Natalie E. Duran, Eric Esrailian, Daniel Hommes, Guy A. Weiss*

Poster Session

12:00 PM

South Hall - McCormick Place 2683562

**Flat Spots are Unrecognized as Stigmata for Diagnoses of Definitive Diverticular Hemorrhage in the Colon**

*Dennis M. Jensen, Mary Ellen Jensen, Thomas O. Kovacs, Kevin A. Ghassemi, Gordon V. Ohning, Marc Kaneshiro, Alireza Sedarat, Gareth Dulai, Gustavo A. Machicado*

Poster Session

12:00 PM

South Hall - McCormick Place 2671620

**Lower Sustained Virologic Response in Patients with Hepatocellular Carcinoma Treated for Hepatitis C with Direct Acting Antivirals**

*Kelvin T. Nguyen, Peter Konyon, Gina Choi, Francisco A. Durazo, Steven-Huy Han, Samantha Ramirez, Sammy Saab, Mohamed El-Kabany*

Poster Session

12:00 PM

South Hall - McCormick Place 2674822

**Orally Active Cathelicidin Mimic Veragenin CSA13 Modulates Clostridium-associated Colitis in Mice via a Modification of Intestinal Microbiome**

*Caroline C. Mussatto, Jiani Wang, Hon Wai Koon*

Poster Session

12:00 PM

South Hall - McCormick Place 2682390

**Pre-procedure Explanation Provided Adequate Insight for Patients to Opt for Scheduled Unsedated Colonoscopy or On Demand Sedation to Obviate Sedation Risks and Post-procedure Burden — Prior Sedation Did Not Preclude Acceptance of These High Value Options**

*Felix W. Leung*

Poster Session

12:00 PM

South Hall - McCormick Place 2680085

**Treatment with Direct-acting Antivirals Improves HBA1C in a Cohort of Veterans with Chronic Hepatitis C**

*Tien S. Dong, Jihane N. Benhammou, Jenna K. Kawamoto, Joseph R. Pisegna, Folasade (Fola) P. May*

Poster Session

12:00 PM

South Hall - McCormick Place 2670752

**SUNDAY, MAY 7**

**Substance P-regulated MicroRNA-31-3P Silencing Enhances Mucosal Repair Following Colitis**

*Kai Fang, Ivy Ka Man Law, Dimitrios Iliopoulos, Charalabos Pothoulakis*

Distinguished Abstract Plenary

2:20 PM

S105a - McCormick Place 2668890

**Mesenteric Adipose Tissue Derived Stromal Cells from Crohn's Disease Patients Induce Lactoferrin-dependent Protective Responses in Colonic Epithelial Cells and Mice with Colitis**

*Jill M. Hoffman, Aristeia Sideri, Jonathan J. Ruiz, JR Turner, Charalabos Pothoulakis, Iordanes Karagiannides*

Distinguished Abstract Plenary

2:34 PM

S105a - McCormick Place 2670164

**Substance P-induced Colonic Epithelial Cell-secreted Exosomes Exacerbate Experimental Colitis and Regulate Cell Proliferation and Migration via Exosomal MIR-21**

*Kyriaki Bakirtzi, Dimitrios Iliopoulos, Charalabos Pothoulakis*

Plenary Session

4:00 PM

S12abc - McCormick Place 2679608

**Irritable Bowel Syndrome**

*Lin Chang*

Postgraduate Course General Session

11:50 AM

Arie Crons Theatre - McCormick Place 2608812

**Novel Brain Imaging Techniques in IBS**

*Emeran A. Mayer*

Rome Foundation Lectureship

11:00 AM

S100ab - McCormick Place 2597358

**Upper GI Bleeding Management: Tips from the Masters**

*LL Strate, Dennis M. Jensen*

Meet-the-Professor Luncheons

12:30 PM

S502 - McCormick Place 2612104

**Women's Preferences for IBD Medical Therapy During Pregnancy**

*A Fairchild, T Kushner, FR Johnson, BE Sands, U Mahadevan, A Ananthakrishnan, Christina Y. Ha, M Bewtra*

Clinical Symposium

2:00 PM

E345a - McCormick Place 2682266

**Adverse Events Related to Endoscopic Eradication Therapy (EET) in Barrett's Esophagus (BE): Results from a Multicenter Cohort Study**

*JC Obuch, B Cinnor, GL Austin, P Blatchford, M Boniface, BC Brauer, DS Early, SA Edmundowicz, HT Hammad, CL Harris, T Hollander, JB Klapman, VM Kushnir, B McNair, JN Shah, VC Simon, TM Tynan, V. Raman Muthusamy, S Komanduri, SB Wani*

Research Forum

9:15 AM

S501 - McCormick Place 2674320

**CGRP Significantly Regulates Appetite, Energy Intake and Metabolism Peripherally**

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

Research Forum

10:00 AM

S503 - McCormick Place 2686915

**Brain Morphometry Distinguishes Two Distinct IBS Subgroups**

*Clarence B. Le, Emeran A. Mayer, Kirsten Tillisch, Jennifer S. Labus*

Research Forum

2:12 PM

S502 - McCormick Place 2684650

**Crohn's Disease, Obesity, and High Crohn's Disease Genetic Risk are Associated with Parallel Changes in the Microbiome of the Cecal and Sigmoid Mucosal-luminal Interface**

*Jonathan Jacobs, Maomeng Tong, P Ruegger, D Li, T Haritunians, P Fleshner, E Vasiliauskas, A Ippoliti, G Melmed, DQ Shih, SR Targan, James Borneman, D McGovern, Jonathan Braun*

Research Forum

4:42 PM

S105bcd - McCormick Place 2685263

**Inspection of Endoscope Instrument Channels After Reprocessing Using a Prototype Video Camera: A Pilot Study**

*Adarsh M. Thaker, Stephen Kim, Alireza Sedarat, Rabindra R. Watson, V. Raman Muthusamy*

Topic Forum

8:30 AM

E450a - McCormick Place 2672434

## SUNDAY, MAY 7 (continued)

### A Multilevel Quality Improvement Initiative to Improve Colorectal Cancer Screening in a Managed Care Population

*Christine Yu, Aria Zand, Eric Esrailian, Daniel Hommes, Folasade P. May*

Poster Session

12:00 PM

South Hall - McCormick Place 2677698

### Characterization and Targeting of the Human Epigenome in Ulcerative Colitis

*Marina Koutsidoumpa, C Polyarchou, Emmanuelle Faure, Iordanes Karagiannides, Dimitrios Iliopoulos*

Poster Session

12:00 PM

South Hall - McCormick Place 2676236

### Clinical and Pathologic Evaluation of a New EUS Core Biopsy Needle: A Large Multicenter Trial

*DG Adler, LJ Taylor, V. Raman Muthusamy, G Parasher, N Thosani, AM Chen, JM Buscaglia, HR Aslanian, A Siddiqui*

Poster Session

12:00 PM

South Hall - McCormick Place 2671465

### Endoscopic Ultrasound has a Critical Role in the Evaluation of Bile Duct Dilatation of Unclear Etiology

*Jennifer Phan, Phillip Ge, Ani Kardashian, Stephen Kim, Alireza Sedarat, Rabindra R. Watson, V. Raman Muthusamy*

Poster Session

12:00 PM

South Hall - McCormick Place 2677752

### Factors for Success in Endoscopic Submucosal Dissection: A Western Experience

*Phillip Ge, WM Abidi, CC Thompson, H Aihara*

Poster Session

12:00 PM

South Hall - McCormick Place 2686938

### Food Addiction and Its Association with Metabolic Complications Among Liver Transplant Recipients

*Cameron S. Sikavi, Melissa Jimenez, Youssef P. Challita, Matthew R. Viramontes, Ruby Allen, Michelle Mai, Negin Esmailzadeh, Elisa Moreno, Sammy Saab*

Poster Session

12:00 PM

South Hall - McCormick Place 2685334

### GLP-2 Acutely Ameliorates LPS-related Intestinal Permeability in Rats

*Yasutada Akiba, Izumi Kaji, Koji Maruta, Jonathan D. Kaunitz*

Poster Session

12:00 PM

South Hall - McCormick Place 2679728

### Is Hemostasis with Doppler Endoscopic Probe Guidance an Improvement Compared to Visually Guided Treatment of Severe Ulcer Hemorrhage?

*Dennis M. Jensen, Mary Ellen Jensen, Daniela Markovic, Jeffrey Gornbein, Thomas O. Kovacs, Kevin A. Ghassemi, Gordon V. Ohning, Marc Kaneshiro, Alireza Sedarat, Gareth Dulai, Gustavo A. Machicado*

Poster Session

12:00 PM

South Hall - McCormick Place 2671657

### Morphological Brain Alterations and Changes in Hedonic Ingestive Behaviors Associated with Bariatric Surgery

*Arpana Gupta, Emeran A. Mayer, Elizabeth Gallagher, Ravi Bhatt, Tiffany Ju, Kristen Coveleskie, Jean Stains, Yijun Chen, Anna Balioukova, Jennifer S. Labus, Erik Dutson, Claudia P. Sanmiguel*

Poster Session

12:00 PM

South Hall - McCormick Place 2679523

### Results of an Ongoing Randomized Controlled Trial Comparing the Diagnostic Efficiency of Early Deployment of Video Capsule Versus Standard of Care for the Management of Non-hematemesis Gastrointestinal Bleeding

*Neil B. Marya, SA Jawaid, A Foley, K Patel, AH Rupawala, S Han, D Kaufman, L Maranda, J Tennyson, CA Marshall, K Bhattacharya, DR Cave*

Poster Session

12:00 PM

South Hall - McCormick Place 2679795

### Shared Gut Microbiome Dysbiosis in Crohn's Disease and Obesity

*D Li, Jonathan Jacobs, Z Liu, Jonathan Braun, SR Targan, D McGovern*

Poster Session

12:00 PM

South Hall - McCormick Place 2685227

### Suboptimal Interobserver Agreement (IOA) Amongst Cytopathologists (CYPS) for Pancreatic Endoscopic Ultrasound Fine Needle Aspiration (EUS-FNA) Cytology Specimens: A Multicenter Validation Study

*SB Wani, R Mounzer, M Hall, VC Simon, BA Centeno, K Dennis, J Dhillon, F Fan, L Khazai, JB Klapman, S Komanduri, X Lin, David Lu, S Mehrotra, V. Raman Muthusamy, R Nayyar, A Paintal, Jianyu Rao, S Sams, JN Shah, TM Tynan, Rabindra R. Watson, A Rastogi, CB Marshall*

Poster Session

12:00 PM

South Hall - McCormick Place 2674352

### The Impact of Capsule Endoscopy Visualization on the Ability to Identify Small Bowel Pathologies

*Neil B. Marya, Adarsh M. Thaker, Daniel Eshtiaghpour, Raymond A. Addante, Stephen Kim, Alireza Sedarat, V. Raman Muthusamy, Rabindra R. Watson*

Poster Session

12:00 PM

South Hall - McCormick Place 2680805

### The Use of Photodynamic Therapy in Pancreatic Cancer: Consensus Statement from an Expert Panel

*KK Wang, Timothy R. Donahue, GB Haber, JM DeWitt, KJ Chang, RJ Shah, V. Raman Muthusamy, A Mahipal, T Mang, T Hasan, V Grover*

Poster Session

12:00 PM

South Hall - McCormick Place 2682812

### Time to Diagnostic Colonoscopy and Colonoscopic Findings after Positive Fit in an Ethnically Diverse Cohort of U.S. Veterans

*Jennifer Phan, Christine Yu, Mark Reid, Dean Ehrlich, Lisa Lin, Tina R. Storage, Nimah Jamaluddin, Doantrang Dinh, Elizabeth Aby, Purnima Bharath, Joseph R. Pisegna, Folasade (Fola) P. May*

Poster Session

12:00 PM

South Hall - McCormick Place 2674724

### Water Exchange (WE) Significantly Raises Adenoma Detection Rate (ADR) Compared with Water Immersion (WI) and Air Insufflation (AI) — Pooled Data from Two Multi-site Randomized Controlled Trials (RCT)

*Felix W. Leung, M Koo, S Cadoni, P Falt, Y Hsieh, A Amato, M Erriu, P Fojtik, P Gallittu, C Hu, JW Leung, M Liggi, S Paggi, F Radaelli, E Rondonotti, V Smajstrla, CW Tseng, O Urban*

Poster Session

12:00 PM

South Hall - McCormick Place 2670271

### Where is the Bleeding Site in Patients with Melena and Severe GI Hemorrhage

*Dennis M. Jensen, Mary Ellen Jensen, Thomas O. Kovacs, Kevin A. Ghassemi, Gordon V. Ohning, Marc Kaneshiro, Alireza Sedarat, Gareth Dulai, Gustavo A. Machicado*

Poster Session

12:00 PM

South Hall - McCormick Place 2671603

## MONDAY, MAY 8

### Superior Endoscopic and Deep Remission Outcomes in Adults with Moderate to Severe Crohn's Disease Managed with Treat to Target Approach Versus Clinical Symptoms: Data From CALM

*JF Colombel, R Panaccione, P Bossuyt, M Lukas, FJ Baert, T Vanasek, A Danalioglu, G Novacek, A Armuzzi, X Hebuterne, SP Travis, S Danese, W Reinisch, WJ Sandborn, P Rutgeerts, Daniel Hommes, S Schreiber, E Neimark, B Huang, Q Zhou, JH Petersson, K Wallace, AM Robinson, RB Thakkar, GR D'Haens*

Distinguished Abstract Plenary

5:16 PM

E345a - McCormick Place 2716554

### H3K4ME3 Affects Glucose Metabolism and Lipid Content in Pancreatic Cancer

*Marina Koutsioumpa, M Hatziapostolou, C Polytaichou, Swapna Mahurkar-Joshi, Dimitrios Iliopoulos*

State-of-the-Art Lecture

8:30 AM

S101b - McCormick Place 2671552

### IBD Systems Biology & Drug Discovery

*Dimitrios Iliopoulos*

Research Symposium

3:00 PM

S102abc - McCormick Place 2596924

### Planning for an Academic Career During Fellowship

*Lin Chang*

Committee Sponsored Symposium

12:30 PM

S104 - McCormick Place 2597413

### Long Non-coding RNA (lncRNA) Profiling Reveals Overexpression of UCA1 and CCAT1 in Human Colonocytes Stimulated by Neurotensin and in Colonic Mucosal Tissues from Ulcerative Colitis (UC) Patients

*Ivy Ka Man Law, David M. Padua,*

*Dimitrios Iliopoulos, Charalabos Pothoulakis*

Research Forum

2:45 PM

S104 - McCormick Place 2679439

### Gene Expression Profiling Identifies CDKN2B-AS1 as a Long Non-coding RNA Associated with IBD and Regulated by TGF-BETA

*Carl R. Rankin, Dimitrios Iliopoulos,*

*Charalabos Pothoulakis, David M. Padua*

Research Forum

3:15 PM

S104 - McCormick Place 2676764

### Corticotropin-releasing Hormone Receptor 2 (CRHR2) Mediates Enteric Glial Cell Function During Colitis

*Jill M. Hoffman, Jonathan J. Ruiz,*

*Charalabos Pothoulakis*

Research Forum

4:00 PM

S104 - McCormick Place 2684031

### Bitter Taste Receptors, T2R138 and T2R16, are Induced in the Large Intestine of Male and Female Mice on a High Fat Diet in a Microbiota-dependent Manner

*Filippo Caremoli, Jennifer Huynh,*

*Venu Lagishetty, Jonathan Jacobs,*

*Jonathan Braun, Catia Sternini*

Research Forum

4:45 PM

S104 - McCormick Place 2681069

### Cost Comparison Between Deployment of Early Capsule Endoscopy Versus Standard of Care in Patients Presenting with Non-hematemesis Gastrointestinal Bleeding

*SA Jawaid, Neil B. Marya, M Hicks, K Patel,*

*CA Marshall, A Foley, L Maranda, K Bhattacharya,*

*DR Cave*

Topic Forum

9:15 AM

E350 - McCormick Place 2684068

### Effect of Management Practices on Length of Stay for Non-hematemesis Gastrointestinal Bleeding Patients Receiving Early Capsule Endoscopy vs Standard of Care

*SA Jawaid, Neil B. Marya, CA Marshall, A Foley,*

*K Bhattacharya, DR Cave*

Topic Forum

9:22 AM

E350 - McCormick Place 2684130

### Altered Brain Structure and Functional Connectivity and its Relation to Pain Perception in Female Adolescents with Irritable Bowel Syndrome

*Ravi Bhatt, Arpana Gupta, Jennifer S. Labus,*

*Lonnie K. Zeltzer, Jennie Tsao, Kirsten Tillisch*

Poster Session

12:00 PM

South Hall - McCormick Place 2677034

### Bitter Taste Receptor T2R138 in Mouse Enteroendocrine Cells is a Sensor for the Quorum Sensing Molecule, ACYL-homoserine Lactone

*Jennifer Huynh, Filippo Caremoli, James Sinnett-*

*Smith, Steven H. Young, R Latorre, R De Giorgio,*

*RA Liddle, Enrique Rozengurt, Catia Sternini*

Poster Session

12:00 PM

South Hall - McCormick Place 2676938

### Crosstalk Between Insulin/IGF-1 Receptor and G Protein-coupled Receptor (GPCR) Signaling Pathways Stimulates YAP Function in Pancreatic Ductal Adenocarcinoma Cancer (PDAC) Cells

*Fang Hao, Qinhong Xu, Jan V. Stevens,*

*James Sinnett-Smith, Enrique Rozengurt*

Poster Session

12:00 PM

South Hall - McCormick Place 2674487

### Crosstalk Between Protein Kinase D1 (PKD1) and P21-activated Kinase (PAK) in Intestinal Epithelial Cells: Identification of a Novel Phosphorylation Site within the N-terminal Region of PKD1

*James Sinnett-Smith, Jen-Kuan Chang,*

*Enrique Rozengurt*

Poster Session

12:00 PM

South Hall - McCormick Place 2676255

### Dysregulation of the Long-noncoding RNA, GHRLOS, in Irritable Bowel Syndrome

*Elizabeth J. Videlock, Swapna Mahurkar-Joshi,*

*Dimitrios Iliopoulos, Charalabos Pothoulakis,*

*Emeran A. Mayer, Lin Chang*

Poster Session

12:00 PM

South Hall - McCormick Place 2676050

### Endoscopic Ultrasound Guided Fine Needle Core Liver Biopsy Using a Novel 19 Gauge Needle with Modified One Pass Wet Suction Technique

*J Nieto, Huda Khaleel, Youssef P. Challita,*

*Melissa Jimenez, TH Baron, K Hathaway,*

*LR Walter, K Patel, A Lankarani, M Herman,*

*D Holloman, Sammy Saab*

Poster Session

12:00 PM

South Hall - McCormick Place 2675844

### Expression Profiling of Sigmoid Biopsies in Irritable Bowel Syndrome vs Healthy Controls

*Elizabeth J. Videlock, Swapna Mahurkar-Joshi,*

*Dimitrios Iliopoulos, Charalabos Pothoulakis,*

*Emeran A. Mayer, Lin Chang*

Poster Session

12:00 PM

South Hall - McCormick Place 2680576

### How are Patient Outcomes Impacted by Value Based Health Care Delivery for Inflammatory Bowel Diseases

*Aria Zand, Elizabeth Aredas, Natalie E. Duran,*

*Courtney A. DiNicola, Precious Lacey,*

*Alexandria H. Arenas, Daniel Hommes*

Poster Session

12:00 PM

South Hall - McCormick Place 2683704

## MONDAY, MAY 8 (continued)

### Immune Regulatory Effect of Phosphatase and Tensin Homologue (PTEN) in the Gut is Associated with Extraintestinal Inflammation

*E Im, Charalabos Pothoulakis, SH Rhee*

Poster Session

12:00 PM

South Hall - McCormick Place 2674034

### Increased Sleep Disturbances in Irritable Bowel Syndrome (IBS) Patients is Associated with Greater Symptom Severity and Decreased Quality of Life

*Amir Kalani, Bruce D. Naliboff, Wendy Shih, Emeran A. Mayer, Lin Chang*

Poster Session

12:00 PM

South Hall - McCormick Place 2677469

### P21-activated Kinase (PAK)-mediated Phosphorylation of Protein Kinase D1 (PKD1) Triggers Membrane Dissociation of PKD1 in Intestinal Epithelial Cells: Identification of a Novel Mechanism in the Regulation of PKD1 Localization

*Jen-Kuan Chang, James Sinnett-Smith, R Jacamo, Steven H. Young, O Rey, Enrique Rozengurt*

Poster Session

12:00 PM

South Hall - McCormick Place 2676086

### Predictors of Quality of Life in Irritable Bowel Syndrome Compared to Health Controls

*Raymond A. Addante, Bruce D. Naliboff, Wendy Shih, A Presson, Kirsten Tillisch, Emeran A. Mayer, Lin Chang*

Poster Session

12:00 PM

South Hall - McCormick Place 2682803

### Progression of Chronic Kidney Disease is Ameliorated by Direct Acting Antivirals in Patients Treated for Chronic Hepatitis C Virus Infection Resulting in Improved GFR Outcomes

*Elizabeth Aby, Tien S. Dong, Debika Bhattacharya, Jenna K. Kawamoto, Joseph R. Pisegna, Jihane N. Benhammou*

Poster Session

12:00 PM

South Hall - McCormick Place 2676125

### Protein Kinase D (PKD) Mediates Yes-associated Protein (YAP) Activation in Response to G Protein-coupled Receptor Activation in Intestinal Epithelial Cells: Identification of a Novel Crosstalk Between PKD and YAP

*Jia Wang, James Sinnett-Smith, Enrique Rozengurt*

Poster Session

12:00 PM

South Hall - McCormick Place 2676175

### Retained Esophageal Contrast on Modified Barium Swallow Study Predicts Abnormal High Resolution Esophageal Manometry

*David Lin, Jeremy Wang, Andrew A. Erman, Dinesh Chhetri, Jeffrey Conklin*

Poster Session

12:00 PM

South Hall - McCormick Place 2677560

### Sex-dependent Alterations of Colonic Epithelial Permeability in Irritable Bowel Syndrome

*Muriel H. Larauche, Swapna Mahurkar-Joshi, Mandy Biraud, Tiffany Ju, Nafeesa Islam, Emeran A. Mayer, Lin Chang*

Poster Session

12:00 PM

South Hall - McCormick Place 2679714

### Statins Inhibit Proliferation of Pancreatic Ductal Adenocarcinoma Cancer (PDAC) Cells Acting Synergistically with Metformin and Inhibitors of MEK and MTOR

*Qinhong Xu, Fang Hao, Yinglan Zhao, James Sinnett-Smith, Enrique Rozengurt*

Poster Session

12:00 PM

South Hall - McCormick Place 2674682

### Statins Potently Inhibit YAP Activity and Proliferation of Mouse Pancreatic Cells Isolated from KC and KPC Mice

*Fang Hao, Jen-Kuan Chang, James Sinnett-Smith, Guido Eibl, Hui-Hua Chang, Enrique Rozengurt*

Poster Session

12:00 PM

South Hall - McCormick Place 2674711

### Statins Potently Inhibit YAP Function and Proliferation of Pancreatic Ductal Adenocarcinoma Cancer (PDAC) Cells

*Fang Hao, Qinhong Xu, Yinglan Zhao, James Sinnett-Smith, Steven H. Young, Jan V. Stevens, Enrique Rozengurt*

Poster Session

12:00 PM

South Hall - McCormick Place 2676000

### The Trans-golgi Network Protein Aftiphilin is Involved in Maintaining Colonic Epithelial Cell Integrity During Colonic Inflammation

*Ivy Ka Man Law, Charalabos Pothoulakis*

Poster Session

12:00 PM

South Hall - McCormick Place 2679473

### Trauma Severity and Lack of Confiding in Others Increases Risk of Having Irritable Bowel Syndrome

*Tiffany Ju, Bruce D. Naliboff, Wendy Shih, A Presson, Cathy Liu, Arpana Gupta, Emeran A. Mayer, Lin Chang*

Poster Session

12:00 PM

South Hall - McCormick Place 2676495

## TUESDAY, MAY 9

### Race Predicts SVR 12 Among Patients with Hepatitis C Treated with Direct-acting Antivirals in a Large Veterans Affairs Cohort

*Jihane N. Benhammou, Tien S. Dong, R Dixit, Jenna K. Kawamoto, Vivek Dixit, Folasade (Fola) P. May, Debika Bhattacharya, Joseph R. Pisegna*

Distinguished Abstract Plenary

10:14 AM

S502 - McCormick Place 2685295

### Irritable Bowel Syndrome — Looking Through the Crystal Glass

*Lin Chang*

Meet-the-Professor Luncheons

12:30 PM

S405 - McCormick Place 2612378

### Rapid LPS Transport During Long-chain Fatty Acid Absorption in Rat Small Intestine

*Koji Maruta, Yasutada Akiba, Izumi Kaji, Jonathan D. Kaunitz*

Research Forum

3:12 PM

S101a - McCormick Place 2679691

### Role of MU and Delta Opioid Receptors and Their Ligands, $\mu$ -Endorphin and Pre-pro-enkephalin, in Stress-induced Visceral Analgesia in Male and Female Mice

*Muriel H. Larauche, Nabila Moussaoui, Mandy Biraud, Won Ki Bae, W Walwyn, Yvette Tache*

Research Forum

4:24 PM

S101b - McCormick Place 2685037

### Issues in the Endoscopic Management of Lower GI Bleed

*Dennis M. Jensen*

Topic Forum

11:15 AM

S105bcd - McCormick Place 2718985

### A Pilot Study of IGG4 Staining in EoE: An Unreliable Marker of Disease Activity

*Amanda Pope, Bitu V. Naini, Maria Garcia-Lloret, Kevin A. Ghassemi, Elizabeth A. Marcus, Martin G. Martin, Laura Wozniak*

Poster Session

12:00 PM

South Hall - McCormick Place 2675075

**Altered Colonic Motor Response to Stress in Alzheimer Disease Transgenic Mouse is Improved by Peripheral TNF- $\alpha$  Modulation**

*Mulugeta Million, Hung Pham, Aleksandra Poteshkina, Peruzo Eslami, Izumi Kaji, Shuping S. Wu, Muriel H. Larauche*

Poster Session

12:00 PM

South Hall - McCormick Place 2684346

**An Investigation of BMI and Sex-related Alterations in Intrinsic Brain Connectivity of the Reward and Interoceptive Brain Regions**

*Arpana Gupta, Emeran A. Mayer, Claudia P. Sanmiguel, Ravi Bhatt, Tiffany Ju, Amanat Bal, Kirsten Tillisch, Bruce D. Naliboff, Jennifer S. Labus, Lisa A. Kilpatrick*

Poster Session

12:00 PM

South Hall - McCormick Place 2676366

**Characteristics and Healthcare Burden of Osteoporotic Fractures in Patients with Cirrhosis**

*Arpan A. Patel, Jonathan Baghdadi, S Silverman, Sammy Saab, S Vinay*

Poster Session

12:00 PM

South Hall - McCormick Place 2677420

**Constipation in 6-hydroxydopamine Rat Model of Parkinson's Disease and Effect of Ghrelin Agonist HM01**

*Izumi Kaji, Artem Minalyan, Nabila Moussaoui, Yasutada Akiba, Jonathan D. Kaunitz, Yvette Tache, Lixin Wang*

Poster Session

12:00 PM

South Hall - McCormick Place 2682562

**Dietary Tryptophan Intake and Risk of Incident Crohn's Disease and Ulcerative Colitis**

*Jenny Sauk, H Khalili, A Ananthkrishnan, P Lochhead, J Richter, AT Chan*

Poster Session

12:00 PM

South Hall - McCormick Place 2685027

**Digital Single-operator Cholangioscopy and Indeterminate Biliary Strictures: Improved Visual Optics Enhance the Yield of Targeted Biopsies**

*Mahmoud Omar, Dean Ehrlich, Stephen Kim, SM Saleh, H Zaghla, EA Rewisha, Francisco A. Durazo, Saurabh S. Mukewar, Alireza Sedarat, Rabindra R. Watson, V. Raman Muthusamy*

Poster Session

12:00 PM

South Hall - McCormick Place 2672785

**Diminishing Role of Liver Biopsy for Hepatitis C in Liver Transplant Recipients**

*Elizabeth Aby, Melissa Jimenez, Jonathan Grotts, Vatche G. Agopian, Samuel W. French, Ronald W. Busuttill, Sammy Saab*

Poster Session

12:00 PM

South Hall - McCormick Place 2671901

**Duodenoscope Reprocessing Practice Patterns in the U.S. Endoscopy Centers: A Survey Study**

*Adarsh M. Thaker, V. Raman Muthusamy, Rabindra R. Watson, Alireza Sedarat, ML Kochman, AS Ross, Stephen Kim*

Poster Session

12:00 PM

South Hall - McCormick Place 2676548

**Enteric Glial Cells (EGCS) in the Colonic Myenteric Plexus are Involved in Abdominal Surgery (AS)-induced Inhibition of Colonic Propulsive Function in Rats**

*Pu-Qing Yuan, Yvette Tache*

Poster Session

12:00 PM

South Hall - McCormick Place 2682651

**Fear of the Unknown as a Unique Source of Stress for More Severe IBS Patients**

*JM Lackner, Emeran A. Mayer, AC Braun, BM Quigley*

Poster Session

12:00 PM

South Hall - McCormick Place 2671334

**Gut Microbiome Dysbiosis in Crohn's Disease is Also Associated with Disease Severity**

*D Li, Jonathan Jacobs, Jonathan Braun, SR Targan, D McGovern*

Poster Session

12:00 PM

South Hall - McCormick Place 2685276

**Heightened Awareness of Body Sensations and Symptoms Distinguishes Brain Morphology in the Somatosensory Cortex Across Gastrointestinal Disorders**

*Beatrix Krause, Nathan Sumarsono, Jennifer S. Labus, Cody Ashe-McNalley, Cathy Liu, Bruce D. Naliboff, Emeran A. Mayer*

Poster Session

12:00 PM

South Hall - McCormick Place 2684238

**Impact of Rifaximin on Health-related Quality of Life in Patients with Diarrhea-predominant Irritable Bowel Syndrome**

*BD Cash, Z Heimanson, Lin Chang*

Poster Session

12:00 PM

South Hall - McCormick Place 2683922

**Insertion Water Exchange (WE) Minimized Multitasking-related Distraction from Mucosal Inspection During Withdrawal Inspection — A Plausible Explanation for Enhanced Adenoma Detection Rate**

*Y Hsieh, H Yang, CW Tseng, M Koo, Felix W. Leung*

Poster Session

12:00 PM

South Hall - McCormick Place 2669870

**Relative Preservation of TREG Function in TL1A-TG Mice Under Germ-free Condition**

*K Kumagai, M Sidhu-Varma, Y Shimodaira, N Jacob, Y Kanazawa, Jonathan Jacobs, Venu Lagishetty, JP Abraham, Y Ye, J Luu, RB Sartor, M Fukata, SR Targan, DQ Shih*

Poster Session

12:00 PM

South Hall - McCormick Place 2679983

**Resilience is Associated with Early Life Stress and HPA Axis Response in IBS**

*Sarah Park, Bruce D. Naliboff, Wendy Shih, Angela Presson, Tiffany Ju, Lisa A. Kilpatrick, Arpana Gupta, Emeran A. Mayer, Lin Chang*

Poster Session

12:00 PM

South Hall - McCormick Place 2675074

**Survey of Current Practice Patterns for Per Oral Endoscopic Myotomy (POEM)**

*David Lin, Stephen Kim, Rabindra R. Watson, V. Raman Muthusamy, MA Khashab, GG Ginsberg, Alireza Sedarat*

Poster Session

12:00 PM

South Hall - McCormick Place 2679763

**Where Fit Falls Short: Why Patients Do Not Attend Diagnostic Colonoscopy After Positive Fecal Immunochemical Testing**

*Christine Yu, Jennifer Phan, Mark W. Reid, Dean Ehrlich, Lisa Lin, Tina R. Storage, Nimah Jamaluddin, Doantrang Dinh, Elizabeth Aby, Purnima Bharath, Joseph R. Pisegna, Folasade (Fola) P. May*

Poster Session

12:00 PM

South Hall - McCormick Place 2680719