

SATURDAY, MAY 16

The Problem of Abdominal Pain: How To Work Up, Evidence On Effective Treatments
Postgraduate Course General Session
Lin Chang

Managing the Complicated IBS Patient
Postgraduate Course Clinical Challenge
Sessions
Lin Chang

Transpapillary drainage has no benefit on treatment outcomes in patients undergoing EUS-guided transmural drainage of pancreatic fluid collections: a multi-center study

Topic Forum
D Yang, S Amin, S Gonzalez, D Mullady, S Hasak, S Gaddam, SA Edmundowicz, MA Gromski, JM DeWitt, MH El Zein, M Khashab, S Nagula, S Kapadia, J Buscaglia, JC Bucobo, A Schlachterman, MS Wagh, PV Draganov, MK Jung, T Stevens, JJ Vargo, RN Keswani, R Law, S Komanduri, PS Yachimski, T DaVee, A Prabhu, RT Lapp, RS Kwon, **Rabindra R. Watson**, AJ Goodman, N Chhabra, WJ Wang, DL Carr-Locke, CJ DiMaio

Effect of the GLP-1 Analogue Exenatide on Functional Connectivity within Hedonic and Homeostatic Brain Networks in Lean and Obese Women

Research Forum
Kristen Coveleskie, Lisa A. Kilpatrick, Arpana Gupta, Cody Ashe-McNalley, Jean Stains, Claudia P. Sanmiguel, Emeran A. Mayer

Expression of substance P (SP)-regulated miR-31-3p is increased in colitis and modulates RhoA expression in human colonic epithelial cells

Research Forum
Kai Fang, Ivy Ka Man Law, Aristeia Sideri, Hon Wai Koon, Dimitrios Iliopoulos, Charalabos Pothoulakis

Luminal fatty acid sensing regulates mesenteric lymphatic flow and fatty acid transport in rats

Research Forum
Kazuyuki Narimatsu, Yasutada Akiba, Izumi Kaji, H Said, Jonathan D. Kaunitz

Tl1a deficiency, but not Dr3 deficiency, ameliorated murine models of chronic colitis: implications for drug development

Research Forum
Y Kanazawa, H Zhang, MF Fiorino, AM Hamill, A Von Arx, **Hon Wai Koon, Charalabos Pothoulakis**, J Bilsborough, S Targan, DQ Shih

Anatomical Connections in the Brain Based on Body Mass Index in Lean, Overweight, and Obese Individuals

Poster Session
Arpana Gupta, Davis C. Woodworth, Jennifer S. Labus, Claudia P. Sanmiguel, Kirsten Tillisch, Benjamin M. Ellingson, Emeran A. Mayer

Automated Evaluation of Gastrointestinal Symptoms (AEGIS) Versus Physician Identification of Gastrointestinal Alarm Features

Poster Session
Christopher V. Almario, WD Chey, S Iriana, CB Whitman, G Fuller, MW Reid, R Bolus, RA Dennis, R Encarnacion, BM Martinez, J Talley, **Rushabh Modi**, N Agarwal, A Lee, S Kubomoto, S Bolus, **Lin Chang**, B Spiegel

Brain activation and food intake reduction induced by abdominal surgery in mice: influence of rikkunshito

Poster Session
Lixin Wang, Yvette Taché

Choice of Initial Radiofrequency Ablation Treatment Device in Barrett's Esophagus is Associated with Different Rates of Recurrence and Complications

Poster Session
WA Wolf, CC Cotton, **V. Raman Muthusamy**, S Eluri, RE Pruitt, T Runge, HC Wolfsen, N Li, S Pasricha, S Komanduri, NJ Shaheen

Combined water exchange and cap-assisted colonoscopy optimizes insertion pain control and completion of colonoscopy without pain in unседated male patients with high yield of proximal colon adenomas

Poster Session
Felix W. Leung, YH Hsieh, JW Leung, **James Sul**, A Yen

Durable Clinical Remission and Response in Adali-mumab-Treated Patients with Ulcerative Colitis

Poster Session
R Panaccione, JF Colombel, W Sandborn, W Reinisch, GR D'Haens, **Daniel W. Hommes**, S Ghosh, B Pappalardo, J Petersson, AM Robinson, A Lazar, Q Zhou, R Thakkar

Effects of Ethanol, Insulin and Tumor Microenvironment on Hyaluronic Acid Synthetic Capability in Pancreatic Mesenchymal Fibroblasts

Poster Session
Richard T. Waldron, O Shauly, HY Su, **Aurelia Lugea, Stephen Pandol**

Emerging role of gastrointestinal bitter taste receptors in treating type 2 diabetes

Poster Session
R Abrol, S Morvaridi, H Pham, **Shuping S. Wu**, H Hui, **Stephen Pandol**

Esophageal muscularis mucosa contraction increases transepithelial electrical resistance via the TRP-ATP-P2R pathway in rats

Poster Session
Yasutada Akiba, Izumi Kaji, David W. Adelson, Kazuyuki Narimatsu, Jonathan D. Kaunitz

FFA2 activation suppresses basal and stimulated gastric acid secretion via 5-HT3 receptor activation in rats

Poster Session
H Said, **Yasutada Akiba, Izumi Kaji, Kazuyuki Narimatsu, Jonathan D. Kaunitz**

IBS patients show altered brain responses during uncertain, but not certain expectation of painful stimulation of the abdominal wall

Poster Session

Jui-Yang Hong, Bruce D. Naliboff, Jennifer S. Labus, Lisa A. Kilpatrick, Connor Fling, Cody Ashe-McNalley, Jean Stains, Nuwanthi Heendeniya, Suzanne R. Smith, Kirsten Tillisch, Emeran A. Mayer

Inhibition of ghrelin-O-acyltransferase (GOAT) reduces food intake by increasing satiety in rats

Poster Session

P Teuffel, **Lixin Wang**, P Prinz, M Goebel-Stengel, P Kobelt, T Hofmann, M Rose, BF Klapp, **Joseph R. Reeve**, A Stengel

Laparoscopic Resection (LR) is Not Cost-effective Compared to Endoscopic Resection (ER) in the Management of Large Colon Polyps: An Economic Analysis

Poster Session

R Law, S Komanduri, **V. Raman Muthusamy**, A Rastogi, JJ Vargo, M Wallace, GS Raju, JB Klapman, JN Shah, **Rabindra R. Watson**, SA Edmundowicz, A Das, S Wani

Patients with irritable bowel syndrome (IBS) have reduced blood flow in the prefrontal cortex

Poster Session

Michelle P. Chen, Paul M. Macey, Jennifer S. Labus, Emeran A. Mayer, Kirsten Tillisch

Post-colonoscopy discomfort and adverse events in patients enrolled in randomized, controlled trials comparing air insufflation, water immersion and water exchange – a prospective follow up study

Poster Session

YH Hsieh, **Felix W. Leung**, CW Tseng

Predictors of unsuccessful endoscopic mucosal resection (EMR) of complex colon polyps (CCPs): Results from a large multicenter US study

Poster Session

C Almanza, JD Ciolino, D Grande, RH Wilson, MD Canastar, L Hosford, J Makker, **Rabindra R. Watson, V. Raman Muthusamy**, J Shah, JB Klapman, N Fukami, BC Brauer, A Attwell, RJ Shah, S Wani, **Alireza Sedarat**, RY Cortes Lopez, S Komanduri

Suppression of Appetite and Hepatic Steatosis by High Protein Diet in a Murine Model

Poster Session

John Vu, Suwan Oh, Leon Luong, William F. Parsons, Patrizia M. Germano, Joseph R. Pisegna

The Preferred Method to Diagnose Small Pancreatic Neuroendocrine Tumors (PNETs) is by Endoscopic Ultrasound-Guided Fine Needle Aspiration Compared to CT-Guided FNA

Poster Session

Jihane Benhammou, Hala Al-Jiboury, Noam Jacob, Kevin A. Ghassemi, Joseph R. Pisegna, JJ Farrell

Translocation of Enteric Bacteria, Colonic Dysmotility and Altered Behavior in Blast-type Traumatic Brain Injury in Rats

Poster Session

H Pham, SS Wu, **Muriel H. Larauche**, P Summanen, S Finegold, O Scremin, **Mulugeta Million**

Vasoactive intestinal peptide (VIP) knockout (KO) mice show reduced daily water intake, and body and fecal water content

Poster Session

Seiichi Yakabi, Lixin Wang, Hiroshi Karasawa, John Vu, Patrizia M. Germano, K Koike, K Yakabi, **Joseph R. Pisegna, Yvette Taché**

VIP Expression in the Submucosal Plexus in Patients with Parkinson Disease and Chronic Constipation

Poster Session

F Giancola, R Latorre, F Bianco, F Torresan, A Ioannou, M Guarino, G Barbara, R Chiocchetti, P Clavenzani, V Stanghellini, **Catia Sternini**, R De Giorgio

Water exchange colonoscopy reduced sedation requirement without compromising success of cecal intubation in patients accepting the option of on demand sedation in Chinese patients in Hong Kong

Poster Session

VWY Chu, EH Li, ML Cheung, CKM Ng, SCP Ho, WF Luk, ST Lai, **Felix W. Leung**

SUNDAY, MAY 17

Biliary Stents: Who, Which One, How, and How to Minimize Complications

Breakfast with the Expert

WM Tierney, **Rabindra R. Watson**

Emerging Bench-to-Bedside Treatments of Acute Pancreatitis

Meet-the-Investigator Luncheons

Stephen Pandol

Targeting a microRNA for the therapy of colitis-associated colorectal cancer

Plenary Session

Christos Polytaichou, Daniel W. Hommes, Tiziana Palumbo, Maria Hatzia Apostolou, Georgios Koukos, AE van der Meulen - de Jong, **Angelos Oikonomopoulos, Welmoed K. van Deen, Christina Vorvis, Marina Koutsoumpa, Eleni Birli, JM Choi, Lin Chang, Peter Anton, Charalabos Pothoulakis**, HW Verspaget, **Dimitrios Iliopoulos**

Variation in Learning Curves and Competence for Endoscopic Retrograde Cholangiopancreatography Among Advanced Endoscopy Trainees (AETs) Using Cumulative Sum Analysis (CUSUM) – Implication for American Society For Gastrointestinal Endoscopy Society for Gastrointestinal Endoscopy Recommendations for Training

Plenary Session

S Wani, AY Wang, CJ DiMaio, **V. Raman Muthusamy**, RN Keswani, BC Brauer, JJ Easler, RD Yen, I El Hajj, N Fukami, KF Ghassemi, S Gonzalez, L Hosford, TG Hollander, VM Kushnir, J Ahmad, F Murad, A Prabhu, **Rabindra R. Watson**, DS Strand, SK Amateau, R J Shah, SA Edmundowicz, D Mullady

Insertion water exchange, compared to insufflation of air or carbon dioxide and water immersion, enhances the withdrawal detection of adenomas and hyperplastic polyps in the proximal and right colon

Topic Forum

S Cadoni, P Falt, S Sanna, M Argiolas, V Fanari, P Gallittu, M Liggi, D Mura, L Porcedda, V Smajstrla, M Erriu, **Felix W. Leung**

MAY 17 (continued)

Reassessment of Ulcer Bleeds with Adherent Clots Using Arterial Blood Flow as a Guide to Definitive Hemostasis

Topic Forum

Dennis M. Jensen, Thomas O. Kovacs, Gordon V. Ohning, Kevin A. Ghassemi, Jeffrey R. Lewis, GS Dulai, GA Machicado

State-of-the-Art – Optimizing Your Adenoma Detection Rate

Topic Forum

Felix W. Leung

10-Year Experience of a Large Liver Transplant Center: Routine, Non-Invasive Blood Tests are Predictive of Significant Fibrosis in Hepatitis C Patients Following Liver Transplantation

Research Forum

Victoria Sheen, H Lee, M Jimenez, V Agopian, S Vangala, D Elashoff, **Sammy Saab**

Crosstalk between PKD1 and β -catenin signaling pathways in PKD1 transgenic mice and cultures of intestinal epithelial cells

Research Forum

James Sinnott-Smith, Yang Ni, Nora Rozengurt, Steven H. Young, Enrique Rozengurt

A Novel Submucosal Injection Solution is Superior to Saline in Facilitating ESD Performed by Western Endoscopists

Poster Session

Rabindra R. Watson, JB Klapman, S Komanduri, L Hosford, JN Shah, S Wani, **V. Raman Muthusamy**

Barrett's Esophagus Advanced Neoplasia Calculator (BANC): A Personalized, Web-based Predictive Model of High Grade Dysplasia and Adenocarcinoma Following Successful Eradication of Barrett's Esophagus with Radiofrequency Ablation

Research Forum

CC Cotton, LC Duits, WA Wolf, **V. Raman Muthusamy**, S Eluri, RE Pruitt, T Runge, HC Wolfsen, N Li, S Pasricha, S Komanduri, NJ Shaheen

Effects of Rifaximin on Urgency, Bloating, and Abdominal Pain in Patients with IBS-D: A Randomized, Controlled, Repeat Treatment Study

Research Forum

WD Chey, **Lin Chang**, A Lembo, K Aggarwal, E Bortey, C Paterson, WP Forbes

Enhanced stimulated stress hormone response in irritable bowel syndrome (IBS) is associated with downregulation of glucocorticoid receptor expression

Research Forum

MA Adeyemo, W Shih, AP Presson, **Swapna M. Joshi, Emeran A. Mayer, Lin Chang**

Antimicrobial peptide cathelicidin inhibits obesity in diabetic mice via inhibition of CD36 fat receptor expression

Poster Session

Deanna H. Tran, Diana Hoang-Ngoc Tran, S Anjani Mattai, Samantha Ho, Aristeia Sideri, Kyriaki Bakirtzi, Iordanis Karagiannidis, DQ Shih, Simon W. Beaven, Hon Wai Koon

Evidence to suggest adoption of water exchange (WE) deserves broader consideration: The pain alleviating impact of WE occurs in 90% of investigators

Poster Session

S Cadoni, P Falt, S Sanna, M Argiolas, V Fanari, P Gallittu, M Liggi, D Mura, L Porcedda, V Smajstrla, M Erriu, **Felix W. Leung**

High protein diet improves meal pattern and response to cholecystokinin (CCK) in high fat diet-induced obese rats

Poster Session

Lixin Wang, Joseph R. Reeve, Joseph R. Pisegna, Yvette Taché

Identification of a novel function of corticotropin releasing factor (CRH) in the repair of intestinal epithelium in DSS colitis

Poster Session

P Giannogonas, AP Apostolou, P Agrafiotou, C Tamvakopoulos, **Charalabos Pothoulakis**, KP Karalis

Intestinal adiponectin receptor 1 (AdipoR1) modulates inflammation during colitis: A potential link in adipose tissue-intestinal crosstalk during inflammatory bowel disease

Poster Session

Aristea Sideri, Hon Wai Koon, DQ Shih, **Charalabos Pothoulakis, Iordanis Karagiannidis**

Pancreas-specific deletion of protein kinase D attenuating necrosis during experimental pancreatitis is associated with alteration of cell death signaling proteins

Poster Session

Jingzhen Yuan, Lucy Li, T Tan, Stephen Pandol

Rapid Assessment of Trainee Endoscopy Skills (RATES) Study: A Prospective Multicenter Study Evaluating Competence in Endoscopic Ultrasonography (EUS) and Endoscopic Retrograde Cholangiopancreatography (ERCP) Among Advanced Endoscopy Trainees (AETs)

Poster Session

S Wani, D Mullady, DS Early, CJ DiMaio, RN Keswani, A Rastogi, **V. Raman Muthusamy**, GA Cote, L Hosford, L Carlin, S Ellert, S Ouellet, RJ Shah, AY Wang, SA Edmundowicz

Remote monitoring of IBD disease activity using the mobile Health Index (mHI): A validation study

Poster Session

Welmoed K. van Deen, AE van der Meulen - de Jong, NK Parekh, Y Muyschondt, **Ellen Kane, Laurin Eimers, Elizabeth K. Inerra, Aria Zand, Courtney A. DiNicola**, S Bhatia, JM Choi, **Christina Ha, Martijn G. van Oijen, Eric Esrailian, Daniel W. Hommes**

The trans-golgi network protein aftiphilin is involved in regulation of intestinal epithelial permeability in colonic epithelial cells

Poster Session

Ivy Ka Man Law, Charalabos Pothoulakis

Predictive Overbooking Maximizes Endoscopy Utilization in an Outpatient Clinic

Distinguished Abstract Plenary

MW Reid, **Folasade P. May**, SE Cohen, F Dailey, B Spiegel

MONDAY, MAY 18

Regional brain morphology is associated with gut microbial metabolites in irritable bowel syndrome (IBS)

Distinguished Abstract Plenary

Jennifer S. Labus, N Oezguen, EB Hollister, **Kirsten Tillisch**, T Savidge, J Versalovic, **Emeran A. Mayer**

Post-Operative Gastrointestinal (GI) Telemetry with a Wearable Acoustic Biosensor Distinguishes Ileus vs. Uneventful GI Recovery

Plenary Session

Marc Kaneshiro, W Kaiser, P Fleshner, MM Russell, A Lin, KN Zaghayan, JS Pourmorady, BM Martinez, A Patel, AP Nguyen, D Singh, V Zegarski, B Spiegel

Keeping Your Patient with Cirrhosis Alive

Breakfast with the Expert

Bruce A. Runyon, MW Russo

Difficult Problems in ERCP: A Case-Based Approach

Meet-the-Professor Luncheon

V. Raman Muthusamy, O Haluszka

A novel epigenetic regulator of pancreatic cancer growth

Topic Forum

Marina Koutsoumpa, **Maria Hatzia Apostolou**, **Christos Polytarchou**, **Christina Vorvis**, **Swapna M. Joshi**, **Dimitrios Iliopoulos**

Red Cell Transfusions Do Not Increase 30 day Mortality Rates for Unselected Patients with Severe UGI Hemorrhage

Topic Forum

Dennis M. Jensen, D Markovic, **Mary Ellen Jensen**, J Gornbein

Comparison of insertion techniques for luminal distention for on-demand sedation colonoscopy: air insufflation, carbon dioxide and water-aided colonoscopy - a two-center randomized controlled trial

Topic Forum

S Cadoni, P Falt, P Gallittu, M Liggi, D Mura, V Smajstrla, M Erriu, **Felix W. Leung**

Corticotropin-releasing hormone receptor 2 mediates epithelial cell proliferation, apoptosis and mucosal repair following colitis

Research Forum

Jill M. Hoffman, **Stavroula Baritaki**, **Jonathan J. Ruiz**, **Aristea Sideri**, **Charalabos Pothoulakis**

Effect of μ Opioid Receptor Activation on Proteins Modulating Inflammation and Barrier Function in Intestinal Ischemia-Reperfusion

Research Forum

Celine C. Duraffourd, **Jessica Tsui**, **Nick Brecha**, **Catia Sternini**

IBS Patients Have SCN5A Mutations That Result in Decreased NaV1.5 Current and Mechanosensitivity

Research Forum

L Neshatian, PR Stregge, A Beyder, CE Bernard, A Mazzone, SJ Gibbons, DJ Tester, ML Will, **Emeran A. Mayer**, **Lin Chang**, MJ Ackerman, G Farrugia

Increased expression of μ opioid and cannabinoid receptors in the colonic mucosa of patients with irritable bowel syndrome (IBS)

Research Forum

Giovanni Dothel, **Lin Chang**, W Shih, MR Barbaro, V Stanghellini, F De Ponti, **Emeran A. Mayer**, G Barbara, **Catia Sternini**

Red Cell Transfusions Do Not Increase 30 day Mortality Rates for Unselected Patients with Severe UGI Hemorrhage

Research Forum

Dennis M Jensen, D Markovic, **Mary Ellen Jensen**, F Gornbein

Varying quality of dysplasia surveillance colonoscopies for the inflammatory bowel disease (IBD) patient (Poster Presentation)

Committee Sponsored Symposium

Andrew D. Ho, NN Jamaluddin, **Christina Ha**

Active Recruitment Increases Uptake of Endoscopy Among African-American and Asian-American Patients

Poster Session

Folasade P. May, MW Reid, SE Cohen, B Spiegel

Adiposity is associated with alterations within the brain reward system in adult subjects

Poster Session

Claudia P. Sanmiguel, **Arpana Gupta**, **Jennifer S. Labus**, **Kristen Coveleskie**, **Iordanis Karagiannidis**, **Mher Alaverdyan**, **Cody Ashe-McNalley**, **Jean Stains**, **Suzanne R. Smith**, **Kirsten Tillisch**, **Lin Chang**, **Emeran A. Mayer**

Adverse Childhood Experiences are Associated with Irritable Bowel Syndrome and Gastrointestinal Symptom Severity

Poster Session

Sarah Park, W Shih, AP Presson, **Emeran A. Mayer**, **Lin Chang**

Cathelicidin Mimic Ceragenin CSA13 Modulates Clostridium Difficile Associated Colitis and Toxin A Mediated Enteritis in Mice

Poster Session

Bowei Su, **Sally Ghali**, **Samantha Ho**, **Jung Eun Lee**, **Diana Hoang-Ngoc Tran**, X Chen, CP Kelly, **Hon Wai Koon**

Characterizing the Effect of Rifaximin on Individual Symptoms of IBS-D: Findings From the Open-Label Phase of TARGET 3

Poster Session

Lin Chang, M Pimentel, A Lembo, AC Barrett, J Yu, E Bortey, C Paterson, WP Forbes

Comparison of Symptoms, Health Care Utilization, and Treatment in Diagnosed and Undiagnosed Patients with IBS with Diarrhea

Poster Session

Lin Chang, K Aggarwal

Corticotropin-releasing hormone receptor 2 (CRHR2) inhibits colorectal cancer immune-escape through regulation of Fas/FasL signaling

Poster Session

Jonathan Gevorkian, HW Versapaget, **Daniel W. Hommes**, **Lin Chang**, **Charalabos Pothoulakis**, **Stavroula Baritaki**

Determining Predictors of Higher Mortality in Inpatients with Gastrointestinal Bleeding (GIB)

Poster Session

Carl Nordstrom, MW Reid, SS Karsan, B Spiegel

Disease Relevant Components of Mindfulness in Irritable Bowel Syndrome (IBS)

Poster Session

Kirsten Tillisch, Zafar S. Gill, Jennifer S. Labus, Jean Stains, Suzanne R. Smith, Bruce D. Naliboff

Durability of Benefit in IBS-D Patients Responding to a 2-week Course of Rifaximin: Results from TARGET 3

Poster Session

M Pimentel, **Lin Chang**, A Lembo, AC Barrett, J Yu, E Bortey, C Paterson, WP Forbes

Effects of Baseline Abdominal Pain on Response to Lubiprostone in Patients with Constipation-Predominant Irritable Bowel Syndrome

Poster Session

Lin Chang, WD Chey, DA Drossman, TR Losch-Beridon, M Wang, P Lichtlen, SM Mareya

Enduring Effects Following a Course of Rifaximin Therapy in Patients with IBS-D: Incremental Benefit Upon Repeat Treatment

Poster Session

BE Lacy, M Pimentel, **Lin Chang**, AC Barrett, J Yu, E Bortey, C Paterson, WP Forbes

Genome-wide Transcriptional Profiling Demonstrates Differences Between Irritable Bowel Syndrome (IBS), Inflammatory Bowel Disease (IBD) and Healthy Controls

Poster Session

Swapna M. Joshi, Emeran A. Mayer, Lin Chang

High Protein Diet Improves Body Mass Index and Visceral Adiposity and Induces Satiety in a Human and Rat Model of Obesity

Poster Session

Deepinder Goyal, Lixin Wang, Gigi Kwok, Jihane Benhammou, Gordon V. Ohning, Yvette Taché, Joseph R. Pisegna

Hypergastrinemia Associated with Gastrointestinal Dysmotility is Mediated by Vasoactive Intestinal Polypeptide (VIP)

Poster Session

Jihane Benhammou, Noam Jacob, John Vu, Gordon V. Ohning, Patrizia M. Germano, J Waschek, Joseph R. Pisegna

Incidence of Recurrence of Intestinal Metaplasia (IM) and Early Neoplasia (EN) After Endoscopic Eradication Therapy (EET) for Barrett's Esophagus (BE): A Systematic Review and Meta-analysis

Poster Session

LL Fujii-Lau, S Gaddam, DS Early, SA Edmundowicz, S Komanduri, **V. Raman Muthusamy**, A Das, VM Kushnir, D Mullady, F Murad, S Wani

Inhibition of microRNA-29a in human bone marrow mesenchymal stem cells increases their immunomodulatory function

Poster Session

Angelos Oikonomopoulos, Christos Polytarchou, Precious Lacey, Tamera A. Tomakili, Maria Hatziapostolou, Georgios Koukos, Daniel W. Hommes

Internal consistency and test-retest reliability of the Early Trauma Inventory Self Report-Short Form (ETI-SR) in patients with irritable bowel syndrome (IBS) and healthy controls

Poster Session

Elizabeth J. Videlock, Cathy Liu, W Shih, Bruce D. Naliboff, Emeran A. Mayer, Lin Chang

Longitudinal Changes in Brain Morphometry Associated with Abdominal Pain and Anxiety in Pre-adolescent Children

Poster Session

Arpana Gupta, Monica Trent, Jennifer S. Labus, Mher Alaverdyan, K Carpenter, A Angold, N Zucker, **Emeran A. Mayer**, HL Egger

Myeloid differentiation factor 88 (Myd88) is the linchpin of anti-tumor immunity against phosphatase and tensin homologue (Pten)-associated intestinal tumor development and metastasis

Poster Session

E Im, YS Kim, YS Kim, **Charalabos Pothoulakis, Sang H. Rhee**

N-terminal phosphorylation of protein kinase D1 (PKD1) in intestinal epithelial cells: A new input in PKD1 regulation

Poster Session

James Sinnott-Smith, Yang Ni, Enrique Rozengurt

Neurobiology of psychological resilience in irritable bowel syndrome (IBS) and inflammatory bowel disease (IBD) patients

Poster Session

Lisa A. Kilpatrick, Arpana Gupta, Aubrey D. Love, Jennifer S. Labus, Mher Alaverdyan, Kirsten Tillisch, Bruce D. Naliboff, Emeran A. Mayer

Race and Ethnicity Predict Lack of Physician Recommendation for Colorectal Cancer Screening

Poster Session

Folasade P. May, Christopher V. Almarino, NA Ponce, B Spiegel

Regulation of YAP localization and phosphorylation in intestinal epithelial cells

Poster Session

Jian Wang, James Sinnott-Smith, Enrique Rozengurt

Regional grey matter properties in the sensorimotor network correlate with measures of visceral sensitivity, though vary with disease status and sex

Poster Session

C Grinsvall, **Connor Fling, Jennifer S. Labus, Arpana Gupta**, M Elam, **Emeran A. Mayer**, M Simren

Role of the Hippo-YAP pathway in the regulation of DNA synthesis by cAMP in intestinal epithelial cells and Swiss 3T3 fibroblasts

Poster Session

Jia Wang, James Sinnott-Smith, Yang Ni, Enrique Rozengurt

The association of early adverse life events and irritable bowel syndrome (IBS) is amplified by the presence of peritraumatic fear

Poster Session

Elizabeth J. Videlock, Cathy Liu, W Shih, Bruce D. Naliboff, Emeran A. Mayer, Lin Chang

The jasmonate analogue 2-hydroxyethyl 5-chloro-4,5-didehydrojasmonate exerts anti-inflammatory effects in colitis

Poster Session

J Chu, Y Lee, X Yan, SJ Kim, S Son, **Charalabos Pothoulakis**, HR Moon, JH Jung, E Im

Using an Automated Diagnostic Algorithm that Utilizes Electronic Health Records and Natural Language Processing to Define a Population with Cirrhosis

Poster Session

Edward K. Chang, **Christine Y. Yu**, R Clarke, AD Hackbarth, T Sanders, **Eric Esrailian**, **Daniel W. Hommes**, **Bruce A. Runyon**

Zolpidem confers disease susceptibility to Clostridium difficile infection

Poster Session

S Dann, S Aitken, C Ross, MEM Tessier, M Loeffelholz, K Koussoulas, JC Bornstein, H Feng, J Versalovic, **Charalabos Pothoulakis**, KW Garey, T Savidge

TUESDAY, MAY 19

Management of Pancreatic Neuroendocrine Tumors

Meet-the-Professor Luncheons

Joseph R. Pisegna, **Jihane Benhammou**

Randomized Controlled Trial (RCT) of Doppler Endoscopic Probe (DEP) for Blood Flow Detection in Severe Non-Variceal UGI Hemorrhage (NVUGIH)

Late-Breaking Abstract Session

Dennis M. Jensen, **Thomas O. Kovacs**, **Gordon V. Ohning**, **Kevin A. Ghassemi**, GA Machicado, GS Dulai, **Alireza Sedarat**, **Jeffrey R. Lewis**, **Rome Jutabha**, J Gornbein

All-Oral 12-Week Combination Treatment with Daclatasvir (DCV) and Sofosbuvir (SOF) in Treatment-Experienced Patients Infected with HCV Genotype (GT) 3: A Subanalysis of the ALLY-3 Phase 3 Study

Topic Forum

D Nelson, D Bernstein, B Freilich, E Lawitz, T Hawkins, PJ Pockros, PJ Thuluvath, ZH Younes, M Bennett, R Ghalib, PJ Ruane, **Myron J. Tong**, R Bshore, PD Yin, S Noviello, K Rana

Characteristics and Outcomes of Pancreatic Cystic Neoplasms with Indeterminate CEA Levels Obtained by Endoscopic Ultrasound Guided Fine-Needle Aspiration (EUS-FNA): Results of a Multicenter Study

Topic Forum

D Jaiyeola, D Grande, S Wani, BC Brauer, N Fukami, RJ Shah, SK Amateau, RD Yen, RD Schulick, BH Edil, L Hosford, T Donahue, **V. Raman Muthusamy**, **Rabindra R. Watson**, **Alireza Sedarat**, **Jitin Makker**, **Phillip S. Ge**, D Mullady, SA Edmundowicz, RR Azar, F Murad, VM Kushnir, DS Early, S Gaddam, D Gregory, RN Keswani, S Komanduri

Disease-associated enterotypes and metabotypes in families with pediatric inflammatory bowel disease

Combined Research Forum

Jonathan P. Jacobs, M Tong, I McHardy, M Goudarzi, P Ruegger, D McGovern, J Borneman, AJ Fornace, M Dubinsky, **Jonathan Braun**

A Cost-Effectiveness Analysis of LDV/SOF+RBV for 12 Weeks vs. LDV/SOF 24 Weeks vs. SOF+SMV 24 Weeks in CHC GT1 TE Cirrhotic Patients

Research Forum

A Ahmed, DT Dieterich, H Park, **Sammy Saab**, SC Gordon, ZM Younossi

Colloidal Bismuth Subcitrate (CBS) raises internal pH of Helicobacter pylori by impeding proton import, leading to increased metabolism and increased efficacy of growth dependent antibiotics

Research Forum

Elizabeth A. Marcus, **George Sachs**, **David R. Scott**

Gene expression profiles in peripheral blood mononuclear cells (PBMCs) correlate with structural and functional brain networks in chronic visceral pain

Research Forum

Arpana Gupta, **Steve Cole**, **Jennifer S. Labus**, **Trang J. Nguyen**, **Swapna M. Joshi**, **Lisa A. Kilpatrick**, **Kirsten Tillisch**, **Lin Chang**, **Emeran A. Mayer**

Novel ghrelin agonist HM01 reverses postoperative gastric ileus (POGI) by its dual prokinetic and anti-inflammatory actions through activation of vagal cholinergic pathway in rats

Research Forum

Pu-Qing Yuan, **Shuping S. Wu**, C Pietra, **Yvette Taché**

Racial and Ethnic Disparities in Colonoscopy Utilization Among Individuals with a Family History of Colorectal Cancer

Research Forum

Christopher V. Almario, **Folasade P. May**, NA Ponce, B Spiegel

Role of Sex Hormones and Sex Chromosomes in Mechanically-Induced Visceral Hyperalgesia in Mice

Research Forum

Muriel H. Larauche, **Mandy Biraud**, R Mackie, A Arnold, **Yvette Taché**

State-of-the-Art: IBS and the CNS

Research Forum

Kirsten Tillisch

Continuous Neonatal Chronic Stress Influences Basal Visceral Sensitivity in a Sex-Dependent Manner in Adult Wistar Rats

Poster Session
Muriel H. Larauche, **Mandy Biraud**, J Molet, **Mulugeta Million**, **Yvette Taché**

Dual PI3K/mTOR inhibitors induce rapid over-activation of the MEK/ERK pathway in human pancreatic cancer cells through suppression of mTORC2

Poster Session

Heloisa P. Soares, **Ming Ming**, **Steven H. Young**, **James Sinnett-Smith**, **Enrique Rozengurt**

Endoscopic assessments of inflammatory bowel disease activity by practicing gastroenterologists

Poster Session

NN Jamaluddin, **Andrew D. Ho**, **Christina Ha**

Integrated care pathways for inflammatory bowel disease Surgery: Design and first analysis

Poster Session

Rutger J. Jacobs, Sarah Reardon, Dipti Sagar, Tijmen J. Hommes, Daniel J. Margolis, Ellen Kane, Welmoed K. van Deen, Laurin Eimers, Elizabeth K. Inserra, Natalie Duran, JM Choi, Christina Ha, Bennett E. Roth, Andrew D. Ho, Eric Esrailian, J Sack, Daniel W. Hommes

Interference with septin dynamics induces ErbB2 degradation in gastric cancer cells

Poster Session

Elizabeth A. Marcus, Elmira Tokhtaeva, JR Capri, J Whitelegge, David R. Scott, George Sachs, Olga Vagin

Initial experience with a novel EUS-guided core biopsy needle (SharkCore™): A North American multicenter study

Poster Session

CJ DiMaio, JM Kolb, PC Benias, O Haluszka, JL Maranki, K Sharzahi, J Nieto, DK Pleskow, TM Berzin, M Sawhney, E Aljahdi, V Kaul, S Kothari, TH Kothari, EC Lam, CK Wong, NR Sharma, S Ho, M . Izzy, **Rabindra R. Watson, V. Raman Muthusamy**, FG Gress, A Sethi, AR Shah, M Ryou, PZ Kaimakliotis, SB Allaparthi, SR Gordon, SM Hyder, P Gupta, D Yang, S Gonzalez, DG Adler

Lyn is a key regulator of stellate cell chemotaxis and infiltration in human chronic pancreatitis

Poster Session

H Pham, V Cirulli, **Stephen Pandol, Andrzej Ptasznik**

Modulation of Visceral Pain by Stress: Dose-Dependent Visceral Analgesia Induced by Central Injections of Corticotropin-Releasing Factor (CRF) in Male Rats

Poster Session

Muriel H. Larauche, Henri Duboc, Mandy Biraud, Mulugeta Million, Honghui Liang, Yvette Taché

Neural FFA3 activation inversely regulates cholinergic secretory function in rat proximal colon

Poster Session

Izumi Kaji, Yasutada Akiba, Kazuyuki Narimatsu, Jonathan D. Kaunitz

Presence of Diabetes and Chronic Liver Disease is Associated with an Increased Risk for Overall Mortality: A Population Study from the United States

Poster Session

S Clement, M Stepanova, R J Wong, **Sammy Saab**, A Ahmed, ZM Younossi

Projection of Health Outcomes Comparing LDV/SOF VS. SOF+SMV – An Analysis Based on Clinical Trial vs. Real-World Data

Poster Session

H Park, A Ahmed, DT Dieterich, **Sammy Saab**, SC Gordon, ZM Younossi

Randomized Trial Comparing Diagnostic Yield of Cytologist-guided Versus 7 Passes for EUS-FNA of Pancreatic Masses

Poster Session

LS Lee, J Nieto, **Rabindra R. Watson**, A Hwang, **V. Raman Muthusamy**, K Jajoo, M Ryou, JR Saltzman, MD Saunders, SL Suleiman, V Kadiyala

Regulation of colon cancer metabolism by a long non-coding RNA

Poster Session

Maria Hatziapostolou, Marina Koutsoumpa, F Kottakis, Daniel W. Hommes, HW Verspaget, Dimitrios Iliopoulos, Christos Polyarchou

Role of AMPK in the inhibitory effects of metformin and berberine on mTORC1, ERK, DNA synthesis and proliferation in human pancreatic cancer cells

Poster Session

Ming Ming, Jia Wang, James Sinnott-Smith, Steven H. Young, Heloisa P. Soares, Enrique Rozengurt

Safety and Efficacy of Ledipasvir/Sofosbuvir for the Treatment of Genotype 1 Hepatitis C in Patients Aged 65 Years or Older: A Retrospective Analysis of Phase 3

Poster Session

Sammy Saab, M Mizokami, M Omata, A Mangia, E Eggleton, S Seyedkazemi, Y Zhu, SJ Knox, P Pang, GM Subramanian, K Kowdley, NH Afdhal

The Effect of Pre-Treatment Stricture on Outcomes after Radiofrequency Ablation (RFA) for Barrett's Esophagus: Results from the U.S. RFA Registry

Poster Session

S Eluri, N Li, BF Overholt, S Pasricha, CJ Lightdale, T Runge, A Infantolino, WA Wolf, **V. Raman Muthusamy**, CC Cotton, RE Pruitt, NJ Shaheen

The impact of a value-based health program for inflammatory bowel disease management on healthcare utilization

Poster Session

Welmoed K. van Deen, AB Ozbay, M Skup, **Martijn G. van Oijen, Adriana Centeno, Bennett E. Roth, Natalie Duran, Precious Lacey**, D Jatulis, MJ Belman, **Eric Esrailian, Daniel W. Hommes**

Time-driven Activity Based Costing: Measuring the Costs of Implementing Quality Measures in Inflammatory Bowel Disease (IBD)

Poster Session

Andrew D. Ho, Christine Y. Yu, Welmoed K. van Deen, Adriana Centeno, Laurin Eimers, Elizabeth K. Inserra, Natalie Duran, JM Choi, Christina Ha, Bennett E. Roth, Eric Esrailian, Daniel W. Hommes

Undetectable HCV RNA levels at treatment week 4 (TW4) with Sofosbuvir (SOF) and Simeprevir (SMV) for genotype 1 Hepatitis C virus may predict sustained virologic response at 12 weeks after treatment (SVR12): Results from an academic Veterans Healthcare Center

Poster Session

Noam Jacob, JK Kawamoto, PS Belperio, **Steven-Huy B. Han**, D Bhattacharya, JP Smith, **Alan Sheinbaum, Neville R. Pimstone**

Use of a Standardized Clinical Assessment and Management Plan to Demonstrate Barriers to Trough Level and Antibody Level Testing in Patients on Anti-Tumor Necrosis Factor Therapy for Inflammatory Bowel Disease

Poster Session

EL Barnes, JS Levine, **Vikas Pabby**, G Ciociolo, R Ghazinouri, JO Greenberg, K Laskowski, SR McLaughlin, D Graham, PA Banks, M Currier, PS de Silva, S Friedman, MJ Hamilton, JR Korzenik, FL Makrauer, B Norton, SB Snapper, M Tomczak, R Burakoff