



## SATURDAY, MAY 21

Identification of a LncRNA Signature in Ulcerative Colitis: IFNG-AS1 Is a CD4<sup>+</sup> T-Cell LncRNA Associated with IBD SNP Loci

Distinguished Abstract Plenary

**David M. Padua, Swapna Mahurkar-Joshi, DQ Shih, Dimitrios Iliopoulos, Charalabos Pothoulakis**

### Hemorrhoid Therapies

Hands-on Workshop

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

### Suturing and Closures

Hands-on Workshop

N Gupta, SV Kantsevov, MA Khashab, N Kumar, S Shaikh, D Shapiro, AA Siddiqui, SN Stavropoulos, **Rabindra R. Watson**

### Cost-Effectiveness of HCV Therapy by Genotype

Clinical Symposium

**Sammy Saab**

### Update on Infections Related to Endoscope Reprocessing

Clinical Symposium

AS Ross, AL Faulx, **V. Raman Muthusamy**

### LincRNAs and Colon Cancer

Research Symposium

**Dimitrios Iliopoulos**

### Painful Matters: Is IBS Pain Different from Other Causes of Visceral Pain?

Translational Symposium

**Kirsten Tillisch**

Composition and Trainee Perception of EUS Training in Advanced Endoscopy Training Programs (AETPs) in the US: Results from a Prospective Multicenter Study Evaluating Competence Among Advanced Endoscopy Trainees (AETs)

Research Forum

RH Wilson, RN Keswani, M Hall, D Mullady, AY Wang, CJ DiMaio, **V. Raman Muthusamy**, A Rastogi, L Hosford, L Carlin, S Ellert, **Rabindra R. Watson**, S Komanduri, GA Cote, R Shah, S Edmundowicz, DS Early, S Wani

Endoscopic Ultrasound and Fine Needle Aspiration in the Management of Pancreatic Cystic Neoplasms: Evaluation of 2015 AGA Guidelines in a Large Multicenter Cohort

Research Forum

**Phillip S. Ge**, S Gaddam, **Roxana Y. Cortes Lopez**, DM Jaiyeola, **Jitin Makker**, **Stephen Kim**, **Alireza Sedarat**, **Timothy R. Donahue**, L Hosford, RH Wilson, D Grande, RN Keswani, V Kushnir, D Mullady, S Edmundowicz, DS Early, S Komanduri, S Wani, **V. Raman Muthusamy**, **Rabindra R. Watson**

*Helicobacter pylori* Infection Decreases Expression of the Na,K-ATPase in Gastric Epithelial Cells, Resulting in Acid-Induced Gastric Injury

Research Forum

**Elizabeth A. Marcus**, **Elmira Tokhtaeva**, **David R. Scott**, **Bita V. Naini**, **George Sachs**, **Olga Vagin**

Intracerebroventricular Corticotropin-releasing Factor (CRF) at Low Doses Induces a CRF1 Receptor-mediated Visceral Analgesia in Male Rats Through Recruitment of Brain Oxytocin

Research Forum

**Muriel H. Larache**, **Mandy Biraud**, **Nabila Moussaoui**, **Won Ki Bae**, **Henri Duboc**, **Mulugeta Million**, **Honghui Liang**, **Yvette Taché**

Positive Crosstalk Between PKD1 and  $\beta$ -Catenin Signaling Pathways in Intestinal Epithelial Cells

Research Forum

**James Sinnott-Smith**, **Jia Wang**, **Nora Rozengurt**, **Steven H. Young**, **Enrique Rozengurt**

Probiotic *Saccharomyces boulardii* CNCM I-745 Inhibits Hypervirulent *Clostridium difficile*-associated Cecal Tissue Damage and Pro-inflammatory Cytokine Expression in Hamsters

Research Forum

**Hon Wai Koon**, **Diana Hoang-Ngoc Tran**, X Chen, CP Kelly, **Charalabos Pothoulakis**

The Impact of Race and Ethnicity on Healthcare Utilization and Mortality for Colorectal Cancer Patients in the United States

Research Forum

DM Gray, A Hinton, S Gupta, **Folasade P. May**

A Prospective Multicenter Study Evaluating Learning Curves and Competence in EUS and ERCP Among Advanced Endoscopy Trainees (AETs): The Rapid Assessment of Trainee Endoscopy Skills (RATES) Study

Topic Forum

S Wani, RN Keswani, M Hall, D Mullady, AY Wang, CJ DiMaio, **V. Raman Muthusamy**, A Rastogi, L Hosford, RH Wilson, L Carlin, S Ellert, **Rabindra R. Watson**, S Komanduri, GA Cote, R Shah, S Edmundowicz, DS Early

Detecting Recurrent Barrett's Esophagus After Successful Endoscopic Eradication Therapy: Determining an Appropriate and Efficient Surveillance Biopsy Strategy

Topic Forum

**Mahmoud Omar**, **Jitin Makker**, **Phillip S. Ge**, L Hosford, RH Wilson, D Grande, T Hollander, J Obuch, B Cinnor, BC Brauer, M Boniface, DS Early, GD Lang, V Kushnir, S Edmundowicz, K Krishnan, K Bidari, S Larue, **Stephen Kim**, **Alireza Sedarat**, **Rabindra R. Watson**, S Komanduri, S Wani, **V. Raman Muthusamy**

Development of Quality Indicators for Endoscopic Eradication Therapies (EET) in Barrett's Esophagus: The TREAT-BE (Treatment with Resection and Endoscopic Ablation Techniques for Barrett's Esophagus) Consortium

Topic Forum

S Wani, **V. Raman Muthusamy**, N Shaheen, R Yadlapati, RH Wilson, JA Abrams, J Bergman, A Chak, KJ Chang, A Das, JA Dumot, S Edmundowicz, G Eisen, GW Falk, MB Fennerty, LB Gerson, GG Ginsberg, D Grande, M Hall, BD Harnke, J Inadomi, J Jankowski, CJ Lightdale, **Jitin Makker**, RD Odze, O Pech, R Sampliner, SJ Spechler, G Triadafilopoulos, MB Wallace, KK Wang, I Waxman, S Komanduri

FFA3 Activation Inhibits Nicotine-induced Secretion and Motility via Enteric Nervous Reflex in Rat Proximal Colon

Poster Session

**Izumi Kajii**, **Yasutada Akiba**, T Furuyama, **Jonathan D. Kaunitz**

Status of ERCP Training in Advanced Endoscopy Training Programs (AETPs) in the U.S.: Results from a Prospective Multicenter Study Evaluating Competence Among Advanced Endoscopy Trainees (AETs)

Topic Forum

S Wani, RN Keswani, M Hall, D Mullady, AY Wang, CJ DiMaio, **V. Raman Muthusamy**, A Rastogi, L Hosford, RH Wilson, L Carlin, S Ellert, **Rabindra R. Watson**, S Komanduri, GA Cote, R Shah, S Edmundowicz, DS Early

Attitudes Toward Defined Quality Indicators (QIs) for Endoscopic Eradication Therapy (EET) of Barrett's Esophagus

Poster Session

S Komanduri, **V. Raman Muthusamy**, RH Wilson, **Jitin Makker**, D Grande, S Wani

Chromatin Regulation of IBD-susceptibility loci by HDAC9 in Crohn's Disease

Poster Session

**Angelos Oikonomopoulos**, C Polytarchou, M Koutsioumpa, Hanlin L. Wang, **Daniel Hommes**, **Dimitrios Iliopoulos**

Colon Adenocarcinoma with Neuroendocrine Tumor (NET) Features are Prevalent: A Descriptive Study of Their Clinico-pathologic Characteristics

Poster Session

**Lisa Lin**, **Christine Yu**, K Lally, **David Oh**, **Michael Lewis**, **Folasade P. May**, **Joseph R. Pisegna**

Differences in Diagnoses, Prevalence, and Outcomes of Definitive, Presumptive, and Incidental Diverticular Hemorrhage

Poster Session

**Dennis M. Jensen**, **Gordon V. Ohning**, **Thomas O. Kovacs**, **Kevin A. Ghassemi**, **Gustavo A. Machicado**, **Gareth Dulai**, **Alireza Sedarat**, **Rome Jutabha**

Guideline Adherence Evaluation Through Barrett's Esophagus Reporting

Poster Session

**Shelley Shi**, **Jitin Makker**, **Jeffrey Conklin**, **Eric Esrailian**, **Daniel Hommes**, **Christine Yu**

IFN- $\gamma$  Regulates the Immunosuppressive Properties of Bone Marrow Mesenchymal Stem Cells in a microRNA-29a/STAT-3 Dependent Manner

Poster Session

**Angelos Oikonomopoulos**, **Tamera Tomakili**, **Precious Lacey**, **Dimitrios Iliopoulos**, **Daniel Hommes**

Long-term Outcomes of Lung Transplantation in Patients with Hepatitis C Infection: The Data from the U.S. Transplant Registry

Poster Session

AB Koenig, M Stepanova, **Sammy Saab**, A Ahmed, RJ Wong, T Gogoll, ZM Younossi

Loss of Corticotropin Releasing Factor (CRF) Immunoreactivity (IR) in the Colonic Enteric Neurons and Propulsive Motor Response to Lipopolysaccharide (LPS) in Vasoactive Intestinal Peptide (VIP) Deficient Mice

Poster Session

**Pu-Qing Yuan**, **Joseph R. Pisegna**, **James Waschek**, **Yvette Taché**

Potent Suppression of the Growth of Human Pancreatic Cancer Cells by Combinations of Inhibitors of the PI3K/mTOR and MEK/ERK Pathways

Poster Session

**Qinhong Xu**, H Soares, **Steven H. Young**, **James Sinnett-Smith**, **Enrique Rozengurt**

Regulation of YAP Localization and Phosphorylation in Intestinal Epithelial Cells: Identification of a Novel Crosstalk Between YAP and PKD Signaling

Poster Session

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

Risk Factors of Hepatocellular Carcinoma After Treatment and Obtaining Sustained Viral Response in HCV Genotype 3 Patients

Poster Session

**Kelvin T. Nguyen**, **Jenna K. Kawamoto**, **Alan Sheinbaum**

The Effect of Endoscope-connected Water Pump Flow Rates on Successful Unsedated Colonoscopy by Water Immersion Method

Poster Session

P Bayupurnama, N Ratnasari, F Indrarti, C Triwikatmani, S Maduseno, S Nurdjanah, **Felix W. Leung**

Water Exchange Enhances Lesion Detection in the Proximal Colon in Screening Patients with Decreased Need for Sedation

Poster Session

S Cadoni, M Liggi, P Gallittu, D Mura, E Murru, **Felix W. Leung**

## SUNDAY, MAY 22

Improving Techniques and Outcomes for Non-variceal Upper GI Bleeding

Breakfast with the Expert

**Dennis M. Jensen**, I Gralnek

Duodenoscope Reprocessing: Keeping Patients Safe & Keeping My Hospital Safe!

Postgraduate Course Luncheon Breakout Sessions

**V. Raman Muthusamy**

Assessment of Differences Between Academic and Non-academic Providers in Inflammatory Bowel Diseases Related Utilization Using a Large Administrative Dataset

Research Forum

**Welmoed K. van Deen**, M Skup, **Adriana Centeno**, **Natalie E. Duran**, **Precious Lacey**, D Jatulis, **Eric Esrailian**, MG van Oijen, **Daniel Hommes**

FOXA2 as a Novel Tumor Suppressor of Pancreatic Oncogenesis

Research Forum

**Christina Vorvis**, **Maria Hatzia Apostolou**, **Marina Koutsioumpa**, **Dimitrios Iliopoulos**

Guanylate Cyclase-C Expression Is Down-regulated in Colonic Biopsies from Female Irritable Bowel Syndrome Patients with Constipation

Research Forum

S Garcia-Carraballo, A Harrington, J Castro, G Hannig, CB Kurtz, A Silos-Santiago, **Lin Chang**, S Brierley

Interplay Between DNA Methylation and KMT2D Histone Methyltransferase Regulates Pancreatic Cellular Growth Through a Glucose Metabolic Shift

Research Forum

**Marina Koutsioumpa**, M Hatzia Apostolou, C Polytarchou, **Swapna Mahurkar-Joshi**, **Christina Vorvis**, **Dimitrios Iliopoulos**

Mindfulness-based Stress Reduction Improves Cerebral Blood Flow and Symptoms in Patients with Irritable Bowel Syndrome (IBS)

Research Forum

**Michelle P. Chen**, **Paul Macey**, **Jean Stains**, **Suzanne R. Smith**, **John G. Serpa**, **Tiffany Ju**, **Zafar Gill**, **Jennifer S. Labus**, **Bruce D. Naliboff**, **Kirsten Tillisch**

## SUNDAY, MAY 22

The Impact of a Value-based Health Care in Inflammatory Bowel Diseases on Health Care Utilization

Research Forum

**Welmoed K. van Deen**, M Skup, **Adriana Centeno**, **Natalie E. Duran**, **Precious Lacey**, D Jatulis, **Eric Esrailian**, MG van Oijen, **Daniel Hommes**

Water Exchange CAP Assisted Colonoscopy (WECAC) Facilitates Completion of High Quality, Cost Effective Colonoscopy with Enhanced Access

Research Forum

**Felix W. Leung**

Quality Improvement in Colonoscopy – State-of-the-Art Lecture

Topic Forum

**Felix W. Leung**

Reproducibility of Water Exchange (WE) Method on Enhanced Adenoma Detection

Topic Forum

**Felix W. Leung**, **Hui Jia**, Y Pan, X Guo, K Wu

Water Exchange Method Significantly Improves Adenoma Detection Rate: A Multi-center, Randomized Controlled Trial

Topic Forum

H Jia, Y Pan, **Felix W. Leung**, X Guo, K Wu

Adipose Tissue Function in Ulcerative Colitis (UC): Mesenteric Preadipocytes from Patients with UC Exhibit Differential mRNA Expression Patterns and Alter Inflammatory Responses in Colonic Epithelial Cells and Mice with Colitis

Poster Session

**Jill M. Hoffman**, **Aristea Sideri**, **Jonathan J. Ruiz**, **Dimitris Stavrakis**, **Charalabos Pothoulakis**, **Iordanes Karagiannides**

Altered Functional and Anatomical Brain Network in Ulcerative Colitis

Poster Session

**Jennifer S. Labus**, **Kareem Hamadani**, **Kirsten Tillisch**, **Arpana Gupta**, **Mher Alaverdyan**, **Alexander Anavim**, **Cody Ashe-McNalley**, C Torgerson, J Van Horn, J Kornelsen, CN Bernstein, **Emeran A. Mayer**

Children with Functional Gastrointestinal Disorders Display Structural Brain Alterations Compared to Healthy Control Subjects

Poster Session

**Kirsten Tillisch**, **Jennie Tsao**, **Jennifer S. Labus**, **Alia C. Manetta**, **Cody Ashe-McNalley**, **James Versalovic**, **Emeran A. Mayer**, R Shulman

Differing Microbial Populations Induce TL1A-mediated Intestinal Fibrosis Independently of TL1A-mediated Inflammation

Poster Session

**Noam Jacob**, K Kumagai, Y Kanazawa, AM Hamill, E Flores, YH Kim, RB Sartor, S Targan, **Jonathan Jacobs**, DQ Shih

Functional Network Properties of Brain Regions in Irritable Bowel Syndrome

Poster Session

**Jennifer S. Labus**, **Kareem Hamadani**, **Arpana Gupta**, **Justin Gelman**, **Alexander Anavim**, **Mher Alaverdyan**, C Torgerson, **Cody Ashe-McNalley**, **Cathy Liu**, **Bruce D. Naliboff**, J Van Horn, **Kirsten Tillisch**, **Emeran A. Mayer**

Gut-derived Metabolites Involved in Tryptophan Metabolism Associated with Brain Morphometry

Poster Session

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

High Dietary Protein Results in Reversal of Hepatic Steatosis in a Murine DIO Model of NAFLD by Regulating Metabolic Gene Transcription

Poster Session

**John P. Vu**, **Jihane N. Benhammou**, **Leon Luong**, **Michael Lewis**, **William F. Parsons**, **Suwan Oh**, **Patrizia M. Germano**, **Joseph R. Pisegna**

Impact of Cap-assisted Water Exchange (CAWE) and Cap-assisted Total Water (CATW) Methods on Adenoma Detection in Screening and Surveillance Colonoscopy

Poster Session

JW Leung, J Percy, AW Yen, **Felix W. Leung**

Impact of EUS-FNA on the Assessment of Resectability Following Downstaging Chemotherapy for Locally Advanced Pancreatic Cancer

Poster Session

**Nimah Jamaluddin**, **Stephen Kim**, S Komanduri, **Howard A. Reber**, **Oscar J. Hines**, **Timothy R. Donahue**, **V. Raman Muthusamy**, **Rabindra R. Watson**

Limited Nesting Stress Alters Maternal Behavior and In Vivo Intestinal Permeability in a Sex-dependent Manner in Wistar Rat Pups

Poster Session

**Nabila Moussaoui**, **Muriel H. Larauche**, **Mandy Biraud**, J Molet, **Mulugeta Million**, **Emeran A. Mayer**, **Yvette Taché**

Mechanism of Ca-sensing Receptor Signaling: Mutational Analysis of Allosteric Effects by Amino Acids and Extracellular Ca<sup>2+</sup>

Poster Session

**Steven H. Young**, **James Sinnett-Smith**, **Enrique Rozengurt**

Microbial and Metabolomics Features Associated with Endoscopic Recurrence After CD Surgical Resection - A NIDDK-IBDGC (IBD Genetics Consortium) Study

Poster Session

N Shen, J Torres, S Tamburini, M Goudarzi, **Jonathan Jacobs**, RH Duerr, D McGovern, SR Brant, P Schum, Y Sharma, JH Cho, **Jonathan Braun**, JC Clemente

Morphometric Correlates of Pain Sensation and Pain Affect in Irritable Bowel Syndrome

Poster Session

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

Neonatal Limited Nesting Stress Influences Basal and Post-stress Visceral Sensitivity in a Sex-dependent Manner in Adult Wistar Rats

Poster Session

**Muriel H. Larauche**, **Mandy Biraud**, **Won Ki Bae**, **Nabila Moussaoui**, J Molet, **Mulugeta Million**, **Yvette Taché**

Overpressure Traumatic Brain Injury (TBI) Causes Intestinal Mucosal Microhemorrhage, Alters In Vivo Intestinal Permeability and Induces Brain and Intestinal Inflammatory Gene Expression in Rats

Poster Session

**Hung Pham**, **Suwan Oh**, **Shuping S. Wu**, **Nabila Moussaoui**, **Mandy Biraud**, **Muriel H. Larauche**, **Oscar Scremin**, **Mulugeta Million**

Per-pass Diagnostic Yield of Endoscopic Ultrasound Guided Fine Needle Aspiration of Malignant Solid Pancreatic Masses in a Large Multicenter Cohort

Poster Session

**Phillip S. Ge, Jitin Makker, Stephen Kim, Alireza Sedarat, Mehdi Mohamadnejad, C Marshall, L Hosford, RH Wilson, S Komanduri, S Wani, Rabindra R. Watson, V. Raman Muthusamy**

Postnatal Stress Induced By Limited Nesting is Associated with Loss of Fiber-digesting and Butyrate-producing Bacteria in the Intestinal Microbiome of Rats at Weaning

Poster Session

**Jonathan Jacobs, Nabila Moussaoui, Muriel H. Larauche, Mandy Biraud, Yvette Taché**

Role of Probiotics in Hepatic Encephalopathy: An Updated Meta-analysis of Randomized Trials

Poster Session

**Duminda Suraweera, J Au, Sammy Saab, Elena Saab**

ROR $\gamma$ t-dependent CD4<sup>+</sup> T Cells Garden the Mucosa-associated Microbiome of the Small Intestine and Colon

Poster Session

**Jonathan Jacobs, Lin Lin, Venu Lagishetty, P Ruegger, J Borneman, Jonathan Braun**

Sex Differences in the Association of Body Mass Index (BMI) with the Anatomical Architecture of Extended Reward Network Regions

Poster Session

**Arpana Gupta, Emeran A. Mayer, Kareem Hamadani, Mher Alaverdyan, Kirsten Tillisch, Claudia Sanmiguel, Jennifer S. Labus**

Underwater Polypectomy: Heat-sink Effect in an Experimental Model

Poster Session

YH Hsieh, K Binmoeller, **Felix W. Leung**

Underwater Resection of Benign Colorectal Neoplasia in Routine Clinical Practice: A VA Experience

Poster Session

AW Yen, JW Leung, **Felix W. Leung**

VIP Knockout Mice are Resistant to a Western Diet-induced Body Weight and Fat Accumulation

Poster Session

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

Visceral Analgesia Induced By Intranasal Administration of Oxytocin in Male Rats

Poster Session

**Won Ki Bae, Muriel H. Larauche, Mandy Biraud, Nabila Moussaoui, Mulugeta Million, Yvette Taché**

## MONDAY, MAY 23

Randomized Controlled Trial (RCT) of Doppler Endoscopic Probe (DEP) Assisted Treatment Compared to Standard Hemostasis of Severe Variceal or Portal Hypertensive Lesion UGI Bleeding

ASGE Presidential Plenary Session

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

Duodenoscope Reprocessing: Keeping Patients Safe & Keeping My Hospital Safe!

Postgraduate Course Luncheon Breakout Sessions

**V. Raman Muthusamy**

Colorectal Symposium: Fecal Incontinence, IBS and Constipation: Novel Diagnostic Approaches and Treatments

Clinical Symposium

AE Bharucha, A Lembo, **Lin Chang, MR Sood**

Nuclear Receptor Regulation of Lipid Metabolism

Research Symposium

**Simon W. Beaven**

Role of miRNAs in IBD and Digestive Tract Cancer

Translational Symposium

**Dimitrios Iliopoulos**

A High Protein Diet Reduces Body Fat Mass and Alters the Gut Microbiome, with Expansion of Akkermansia, in a Rat Model of Diet-induced Obesity

Research Forum

**Jonathan Jacobs, Lixin Wang, Mulugeta Million, Joseph R. Pisegna, Yvette Taché**

Commensal Microflora Modulates TL1A-mediated Spontaneous Ileitis and TL1A-mediated Immune Changes

Research Forum

K Kumagai, Y Kanazawa, **Jonathan Jacobs, Noam Jacob, AM Hamill, E Flores, YH Kim, RB Sartor, S Targan, DQ Shih**

Identification of a Novel Crosstalk Mechanism Between Protein Kinase D1 (PKD1) and p21-activated Kinase (PAK) in Intestinal Epithelial Cells

Research Forum

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

Quantification of Patients' Preferences for Outcome Metrics in Inflammatory Bowel Diseases Using a Choice Based Conjoint Analysis

Research Forum

**Welmoed K. van Deen, Dominic Nguyen, Natalie E. Duran, Ellen Kane, MG van Oijen, Daniel Hommes**

Statins Inhibit YAP Function and Potently Restrain the Proliferation of Pancreatic Ductal Adenocarcinoma Cancer Cells

Research Forum

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

Upregulation of Gut Bitter Taste Receptor Subtypes, T2R138 and T2R16, in High Fat Diet-induced Obesity is Reversed Following Antibiotic Treatment

Research Forum

**Jennifer Huynh, Celine Duraffourd, David Casero, Jonathan Braun, Catia Sternini**

Bariatric Surgery is Associated with Changes in the Brain's Reward System Architecture and Eating Behaviors

Poster Session

**Claudia Sanmiguel, Jennifer S. Labus, Arpana Gupta, Aubrey D. Love, Caleb J. Paydar, Charles Herdon, Tiffany Ju, Mher Alaverdyan, Cody Ashe-McNalley, Jeffrey L. Conklin, Jean Stains, Anna Balioukova, Yijun Chen, Erik Dutson, Emeran A. Mayer**

Circulating LL-37 Levels Accurately Indicate IBD Disease Activity and Presence of Strictures

Poster Session

**Diana Hoang-Ngoc Tran, Christina Ha, Wendy Ho, S. Anjani Mattai, Angelos Oikonomopoulos, Precious Lacey, Guy A. Weiss, Daniel Hommes, Hon Wai Koon**

## MONDAY, MAY 23

Colorectal Cancer Screening Utilization and Variation in an Integrated Veterans Affairs Healthcare Network

Poster Session

**Jennifer Phan, Joseph R. Pisegna, Folasade P. May**

Combined Endoscopic Trans-oral Outlet Reduction with Gastroplasty (TORe-G) Produces Robust Weight Loss in Patients with Roux-en-Y Gastric Bypass (RYGB) Failure

Poster Session

**Deepinder Goyal, Stephen Kim, Yijun Chen, Erik Dutson, Joseph R. Pisegna, Rabindra R. Watson**

Emergency Department Healthcare Utilization Among IBD Patients at an Academic Tertiary Care IBD Referral Center

Poster Session

**Michelle Vu, Jennifer Phan, Christina Ha**

Gut Microbial Composition Discriminates Between Obese Subjects Before and After Bariatric Surgery

Poster Session

**Claudia Sanmiguel, Jennifer S. Labus, Jonathan Jacobs, Arpana Gupta, Kristen Coveleskie, Tiffany Ju, Jean Stains, Anna Balioukova, Yijun Chen, Erik Dutson, Emeran A. Mayer**

Impact of Carbon Dioxide Insufflation and Water Exchange on Post-colonoscopy Outcomes: A Randomized Controlled Trial

Poster Session

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

Mindfulness Based Stress Reduction (MBSR) Improves Irritable Bowel Syndrome (IBS) Symptoms via Specific Aspects of Mindfulness

Poster Session

**Kirsten Tillisch, Suzanne R. Smith, John G. Serpa, Jean Stains, Tiffany Ju, Zafar Gill, Lynn Connolly, Jennifer S. Labus, Bruce D. Naliboff**

Reduction in Clinical and Economic Burden by Treating All Medicaid Patients with Chronic Hepatitis C (CHC): A Decision-analytic Model

Poster Session

ZM Younossi, SC Gordon, A Ahmed, D Dieterich, **Sammy Saab**, R Beckerman

Resilience is Decreased in Irritable Bowel Syndrome (IBS) and Associated with Poorer Quality of Life and Greater Symptom Severity

Poster Session

**Vien Nguyen, Wendy Shih**, A Presson, **Bruce D. Naliboff, Lisa A. Kilpatrick, Arpana Gupta, Emeran A. Mayer, Lin Chang**

The Outcomes of a Clinical Care Pathway for IBD Surgery

Poster Session

**Anya Platt, Amy L. Lightner, Rutger J. Jacobs, Dipti Sagar, Welmoed K. van Deen, Tijmen Hommes, Sarah Reardon, Jonathan Sack, Daniel Hommes**

Trough and Antibody Level Testing in Conjunction with the Use of a Standardized Clinical Assessment and Management Plan Does Not Improve Outcomes Among Patients with Inflammatory Bowel Disease

Poster Session

EL Barnes, JS Levine, **Vikas Pabby**, S Cantu, G Ciociolo, J Greenberg, K Laskowski, SR McLaughlin, DA Graham, JR Allegretti, PA Banks, M Currier, PS de Silva, S Friedman, M Hamilton, JR Korzenik, FL Makrauer, BA Norton, AM O'Toole, SB Snapper, M Tomczak, R Burakof

Validation of the NAFLD Fibrosis Score in a Veterans Healthcare System Cohort of Patients to Noninvasively Identify Patients with Hepatic Fibrosis

Poster Session

**Jeremy Wang, Jihane N. Benhammou, Jenna K. Kawamoto, Joseph R. Pisegna, Folasade P. May**

Ammonia Transport Mechanisms in Rat Duodenum and Colon

Research Forum

**Yasutada Akiba, Izumi Kaji, Hyder Said, Jonathan D. Kaunitz**

Selective FFA3 Agonists Stimulates Duodenal Bicarbonate Secretion and Prevents NSAID-Induced Enteropathy via the GLP-2 Pathway in Rats

Research Forum

**Hyder Said, Yasutada Akiba, Izumi Kaji, Jonathan D. Kaunitz**

Xenin Induces Anion Secretion via Neural NTS1, NK1 and 5-HT3 Receptors in Rat Duodenum

Research Forum

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

## TUESDAY, MAY 24

Black-White Disparity Trends in Colorectal Cancer Incidence and Stage at Presentation in the United States

Distinguished Abstract Plenary

**Folasade P. May, Beth Glenn, Catherine Crespi, Ninez Ponce, Brennan Spiegel, Roshan Bastani**

Lower GI Bleeding

Clinical Symposium

**Dennis M. Jensen**

Impact of Colonoscopy Insertion Techniques on Adenoma Detection

Combined Research 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**

CSA13 Suppresses Colitis-associated Intestinal Fibrosis Via Cathelicidin Receptor FPRL1-dependent Pathway

Research Forum

**Diana Hoang-Ngoc Tran, Hon Wai Koon**

Comparison of a Global Rating Scale and Checklists Using a Validated Tool in the Assessment of Competence in EUS and ERCP Among Advanced Endoscopy Trainees (AETs): Results from a Prospective Multicenter Study

Research Forum

S Wani, RN Keswani, M Hall, D Mullady, AY Wang, CJ DiMaio, **V. Raman Muthusamy**, A Rastogi, L Hosford, RH Wilson, L Carlin, S Ellert, **Rabindra R. Watson**, S Komanduri, GA Cote, R Shah, S Edmundowicz, DS Early

Determining Effectiveness and Recurrence Post Endoscopic Eradication Therapy (EET) in Barrett's Esophagus: Results from a Multicenter Cohort Study

Research Forum

S Wani, S Komanduri, DS Early, V Kushnir, **Jenny Brook**, B Cinnor, J Obuch, S Gaddam, LL Fujii, **Phillip S. Ge**, GD Lang, RH Wilson, L Hosford, M Boniface, D Grande, T Hollander, S Larue, **Jitin Makker, Mahmoud Omar**, D Mullady, JB Klapman, CL Harris, BC Brauer, S Edmundowicz, **V. Raman Muthusamy**

Identification and Characterization of Colonic-exosomes: micro-RNA Mediated Horizontal Gene Transfer Within the Colonic Epithelia In Vitro and In Vivo

Research Forum

**Kyriaki Bakirtzi, Dimitrios Iliopoulos, Charalabos Pothoulakis**

Per-pass Analysis on the Diagnostic Yield of EUS-guided FNA in Solid Pancreatic Mass Lesions: Analysis from a Multicenter Randomized Controlled Trial

Research Forum

**Mehdi Mohamadnejad**, D Mullady, DS Early, A Rastogi, B Collins, JF Wang, C Marshall, S Sams, R Yen, M Rizeq, M Romanas, S Nawaz, O Ulsarac, T Hollander, L Hosford, RH Wilson, V Kushnir, SK Amateau, BC Brauer, A Attwell, S Gaddam, C Kohlmeier, RR Azar, S Komanduri, R Shah, A Das, S Edmundowicz, **V. Raman Muthusamy**, S Wani

Novel Methods for Increasing Colonoscopic Tolerance and Adenoma Detection

Topic Forum – State-of-the-Art

**Felix W. Leung**

Prospective Multicenter Randomized Controlled Trial Demonstrating Water Exchange (WE), But Not Water Immersion (WI), Significantly Increases Adenoma Detection Compared with Air Insufflation (AI) Even in Propofol Sedated Patients

Topic Forum

YH Hsieh, CW Tseng, CT Hu, M Koo, **Felix W. Leung**

Chronic Oral Exposure to Ultrafine Particulate Matter Alters the Cecal Microbiota Composition but Not Ileal Permeability in LDLR-null Male Mice Fed a High Fat Diet

Poster Session

**Muriel H. Larache, Rongsong Li, Nabila Moussaoui, Jieping Yang, Susanne M. Henning, Joseph R. Pisegna**, C Sioutas, **Mohamad Navab, Zhaoping Li, Tzung Hsiai**

Colonic Immune Cells in Irritable Bowel Syndrome: A Systematic Review and Meta-analysis

Poster Session

M Bashashati, S Moossavi, N Rezaei, S Moraveji, C Cremon, PA Hughes, Z Bian, CH Choi, O Lee, M Coëffier, **Lin Chang**, L Ohman, MJ Schmulson, M Simren, KA Sharkey, G Barbara

Corticotropin-releasing Hormone Receptor 1 (CRH-R1) Polymorphisms are Associated with Irritable Bowel Syndrome (IBS) and Acoustic Startle Response (ASR)

Poster Session

AC Orand, **Bruce D. Naliboff, Wendy Shih**, A Presson, **Emeran A. Mayer, Lin Chang**

Current Attitudes and Practice Patterns Toward Endoscopic Eradication Therapy (EET) for Barrett's Esophagus (BE): A Nationwide Survey

Poster Session

S Komanduri, S Wani, RH Wilson, D Grande, **Jitin Makker, V. Raman Muthusamy**

Differences in Cortisol Responses to Hormone Challenge vs. Visceral Stressor in Irritable Bowel Syndrome

Poster Session

**Sarah Park, Wendy Shih**, A Presson, **Elizabeth J. Videlock, Emeran A. Mayer, Lin Chang**

Functional Pathways Associated with Differential Colonic Mucosal Expression of microRNA and mRNA in Irritable Bowel Syndrome

Poster Session

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

IBS-associated SCN5A Mutation G615E Results in a Nav<sub>v</sub>1.5 Channel with Normal Na<sup>+</sup> Current Density but Loss of Mechanosensitivity

Poster Session

PR Strege, A Beyder, A Mazzone, C Bernard, DR Linden, SJ Gibbons, **Lin Chang, Emeran A. Mayer**, G Farrugia

Mesenteric Preadipocytes from Crohn's Disease Patients Exhibit Differential mRNA Expression Patterns and Induce Protective Responses in Colonic Epithelial Cells and Mice with Colitis

Poster Session

**Jill M. Hoffman, Aristeia Sideri, Jonathan J. Ruiz, Dimitris Stavrakis, Charalabos Pothoulakis, Iordanes Karagiannides**

miR-31-3p is Involved in Substance P (SP)-associated Inflammation in Human Colonic Epithelial Cells and Experimental Colitis

Poster Session – Poster of Distinction

**Kai Fang, Ivy Ka Man Law, Aristeia Sideri, Vanessa Huang, David M. Padua, Dimitrios Iliopoulos, Charalabos Pothoulakis**

Pharmacological Inhibition of Phosphatase and Tensin Homologue (Pten) Elicits Colitis in IL-10-KO Mice

Poster Session

**Sang H. Rhee, Charalabos Pothoulakis**

The High Affinity Receptor for PACAP (PAC1) Receptor is Protective in Inflammatory Bowel Disease (IBD)

Poster Session

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

The Impact of Inflammatory Bowel Disease on Patients' Caregivers

Poster Session

**Aria Zand, Anya Platt, Welmoed K. van Deen, Daniel Hommes**

The Quality and Impact of Endoscopic Reporting of Patients with Barrett's Esophagus Referred for Endoscopic Eradication Therapy at Tertiary Care Centers

Poster Session

**Phillip S. Ge, Nikki Nguyen**, B Cinnor, **Jitin Makker, Mahmoud Omar, Stephen Kim, Alireza Sedarat**, L Hosford, J Obuch, BC Brauer, RH Wilson, D Grande, S Komanduri, S Wani, **Rabindra R. Watson, V. Raman Muthusamy**

The Trans-Golgi Network Protein Aftiphilin Regulates Colonic Epithelial Cell Permeability Through Modulating Expression of Genes Involved in Cell Junctions in Colonic Epithelial Cells

Poster Session

**Ivy Ka Man Law, Ryan G. Rogero, Charalabos Pothoulakis**