

## FRIDAY, MAY 21

**Disparities in GI Health-Related Outcomes****Folasade (Fola) P. May**3470187  
Clinical Symposium  
3:47 pm**Panel Discussion: Future Direction Towards Achieving Health Equity in GI**Gray DM, **Folasade (Fola) P. May**, Merchant JL, Reid A, Cryer BL3470192  
Clinical Symposium  
4:47 pm**Racial-Ethnic Disparities in Colorectal Cancer Risk****Folasade (Fola) P. May**3559002  
Clinical Symposium  
10:20 am**Introduction: Comparative Effectiveness of Therapies for IBD****Jenny S. Sauk**3557396  
Research Forum  
10:00 am**Racial and Ethnic Disparities in Incidence and Mortality for Five Gastrointestinal Cancers: Results from the Surveillance, Epidemiology, and End Results Cancer Registry****Aileen Bui, Liu Yang, Camille Soroudi, Folasade (Fola) Popoola May**3524426  
Research Forum  
6:00 pm**Beyond the Recent Modified Delphi Consensus Statements on Water Exchange (WE) – More Novel Benefits of WE**Hsieh YH, Tseng CW, Koo M, **Felix W. Leung**3519259  
Topic Forum  
5:39 pm**Characteristics of Large Colon Polyps Missed on Index Colonoscopy in Patients Referred for Endoscopic Mucosal Resection: An Observational Study****Allen R. Yu, Philip Kozan, M. Phillip Fejleh, Alireza Sedarat, V. Raman Muthusamy, Stephen Kim**3524710  
Topic Forum  
3:58 pm**Impact of Perioperative Nutritional Support in Patients Undergoing Major Inflammatory Bowel Disease Surgery: A Nationwide Analysis****Andrew T. Weber, Minh Thu Nguyen, Jenny S. Sauk, Berkeley N. Limketkai, Mary Kwaan**3524696  
Quick Shots  
3:42 pm**By Reducing False Alarms (FA) Water Exchange (WE) Provides a Reliable Platform to Facilitate Adoption of Artificial Intelligence (Computer-Aided Detection, CADE) to Enhance Polyp Detection Compared with Air Insufflation**Tang CP, Lin TL, Hsieh YH, Tseng CW, **Felix W. Leung**3520743  
Poster Session  
12:15 pm**Convolutional Neural Network for Assessment of Dietary Intake****Berkeley N. Limketkai, Joseph Ebriani, Anastasia Amundson, Frieda Philo Raj, Claire Grover, Nicolette Canlian, Michele Shi, Shah N**3523352  
Poster Session  
12:15 pm**COVID-19 in Patients with Inflammatory Bowel Disease: Systematic Review and Meta-Analysis**Tripathi K, Brewer GG, **Minh Thu Nguyen, Singh Y, Ismail MS, Jenny S. Sauk, Parian AM, Berkeley N. Limketkai**3526080  
Poster Session  
12:15 pm**Demographic, Biochemical, and Radiologic Predictors of Choledocholithiasis: A Systematic Review****Louie Wang, Sarah Mirzaie, Formosa Chen, Holly Wilalme, Ian T. MacQueen, Henry M. Cryer, Anaar Eastoak-Siletz, James H. Tabibian**35823581  
Poster Session  
12:15 pm**Fear of COVID-19, Along with Stress, Anxiety, and Depression, is Associated with Biologic Usage in Patients with Inflammatory Bowel Disease****Rishabh Shah, Anoushka Dua, Bruce D. Naliboff, Priyam Vada Tripathi, Robert Mocharla, Lisa Lin, Jenny S. Sauk, Berkeley N. Limketkai**3526728  
Poster Session  
12:15 pm**Gastrointestinal Manifestations of COVID-19 Across the United States: A Multi-Center Cohort Study****Ankur Patel, Troy Sanders, Alvenca S, Choi AY, Jade Law, Shah J, Patel K, Nguyen M, Yasin T, Kim DM, Prakash P, Sidhu TK, Srivoleti P, Chauhan K, Weissman S, Holzwanger EA, Dhingra R, Dickstein A, Parekh NK, James H. Tabibian, Altayar O, Ciorba MA, Yu JX, C LA, Liu Yang, Berkeley N. Limketkai**3524062  
Poster Session  
12:15 pm**Gastrointestinal Manifestations of COVID-10 in ICU and Non-ICU Patients: A Multi-Center Cohort Study****Ankur Patel, Troy Sanders, Alvenca S, Choi AY, Jade Law, Shah J, Patel K, Nguyen M, Yasin T, Kim DM, Prakash P, Sidhu TK, Srivoleti P, Chauhan K, Weissman S, Holzwanger EA, Dhingra R, Dickstein A, Parekh NK, James H. Tabibian, Altayar O, Ciorba MA, Yu JX, Chen LA, Liu Yang, Berkeley N. Limketkai**3526727  
Poster Session  
12:15 pm**High Opioid Prescribing Profiles Among Gastroenterologists: A Nationwide Analysis****Wendi LeBrett, Preetha Iyengar, Anna Lee, Frank W. Chen, Lin Chang**3518962  
Poster Session  
12:15 pm

## FRIDAY, MAY 21 (con't)

### Intraluminal Multisensor System for Detecting Postsurgical Complications in a Porcine Model

Baldwin A, **Po-Min Wang**, Ni CH, Peterson C, **Muriel H. Larauche**, **Million Mulugeta**, Lo YK

3525923  
Poster Session  
12:15 pm

### Predicting False-Positive Fecal Immunochemical Test (FIT) Results and Adenomatous Polyp Number in a FIT-Based Colorectal Screening Program

**Jade Law**, **Anand Rajan**, **Trieu H**, **John M. Azizian**, **Rani Berry**, **Simon Beaven**, **James H. Tabibian**

3520138  
Poster Session  
12:15 pm

### Proton Pump Inhibitor and Risk of SARS-COV-2 Infection: A Multicenter Experience

Silverman AL, **Arneson D**, **Saroja Bangaru**, Zhang B, **Rodden D**, **Sonya Dasharathy**, **Shih J**, **Nguyen NH**, **Wael Noor El-Nachef**, **Boland B**, **Rudrapatna V**

3521648  
Poster Session  
12:15 pm

### Referral Patterns for Endoscopic Resection of Large Colon Polyps Among Academic vs. Community-Based Gastroenterologists: A Single Tertiary Care Center Experience

**Philip Kozan**, **Allen Yu**, **M.P. Fejleh**, **Alireza Sedarat**, **V. Raman Muthusamy**, **Stephen Kim**

3524655  
Poster Session  
12:15 pm

### Referral Patterns, Polyp Features, and Clinical Outcomes for Colorectal Polyps $\geq 2$ CM in a Large Tertiary Care Health System

**Bao Sean Nguyen**, **Camille Soroudi**, **Allen R. Yu**, **Brandon Smith**, **Madeline Treasure**, **Sartajdeep Kahlon**, **Stephen Kim**, **Adarsh M. Thaker**, **Liu Yang**, **Folasade (Fola) P. May**

3523799  
Poster Session  
12:15 pm

### Rifaximin Both Abdominal Pain and Bloating in Patients with Irritable Bowel Syndrome with Diarrhea: A Composite Endpoint Analysis of Two Phase 3, Randomized, Placebo-Controlled Trials

Lacy BE, **Lin Chang**, **Rao SSC**, **Heimanson Z**, **Sayuk GS**

3519810  
Poster Session  
12:15 pm

### Stool Delivery to the Terminal Ileum May Affect Risk of Recurrence of Clostridioides Difficile Infection Following Intestinal Microbiota Transplantation

Weingarden A, **Ulsh L**, **Berkeley N. Limketkai**, **Sonu I**, **Okafor PN**, **Nashatian L**

3524555  
Poster Session  
12:15 pm

### The Development and Validation of an Electronic Health Record Measure to Accurately Identify Screening Colonoscopy Overuse in a Large Integrated Health System

**Camille Soroudi**, **Anthony Myint**, **Julianna G. Gardner**, **Sartajdeep Kahlon**, **Margaret Mongare**, **Chad Wes Villaflores**, **Liu Yang**, **John N. Mafi**, **Catherine Sarkisian**, **Folasade (Fola) Popoola May**

3526913  
Poster Session  
12:15 pm

### Underwater Cold Snaring Large ( $\geq 10$ MM) Non-Pedunculated, Non-Bulky Colorectal Lesions is Feasible with High En Bloc Resection Rates

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

3520297  
Poster Session  
12:15 pm

### Use of Biologics for the Treatment of Inflammatory Conditions of the Pouch-A Systematic Review

**Salem G**, **Brewer GG**, **Berkeley N. Limketkai**, **Selaru F**, **Grossman A**, **Policarpo T**, **Haq Z**, **Parian A**

3526648  
Poster Session  
12:15 pm

### Water Exchange is Superior to Endocuff, Cap and Air Insufflation in Detecting Sessile Serrated Adenoma/Polyp – A Meta-Analysis

**Paul P. Shao**, **Shao C**, **Tamineh Romero**, **Felix W. Leung**

3520827  
Poster Session  
12:15 pm

### Yield of Post-Acute Diverticulitis Colonoscopy: Analysis of an Underserved Patient Population in the Los Angeles County Department of Health Services

**John M Azizian**, **Trieu H**, **Simon William Beaven**, **Thomas O. Kovacs**, **James H. Tabibian**

3520839  
**POSTER OF DISTINCTION – Poster Session**  
12:15 pm

## SATURDAY, MAY 22

### Racial Disparities in Early-Onset Colorectal Cancer Incidence and Mortality in the United States

**Siegel R**, **Miller KD**, **Folasade (Fola) Popoola May**, **Jemal A**

3526442  
Clinical Symposium  
5:30 pm

### Tips and Tricks That Fellows Use

#### **Benjamin Nulsen**

3470253  
Clinical Symposium  
4:16 pm

### Association of Deleterious DUOX2 Variants with a Preclinical Hallmark of Disturbed Microbiota-Immune Homeostasis and Risk of Inflammatory Bowel Disease

**Magis A**, **Sheng E**, **Conomos MP**, **Zhang M**, **Garzotto LS**, **Hou G**, **Bishu S**, **Nagao-Kitamoto H**, **El-Zaatar M**, **Kitamoto S**, **Kamada N**, **Stidham R**, **Yasutada Akiba**, **Jonathan D. Kaunitz**, **Haberman Y**, **Kugathasan S**, **Densen LA**, **Omenn GS**, **Kao JY**

3524722  
Translational Symposium  
3:48 pm

### A Multi-Center Application of the Evendo Score to Risk-Stratify Variceal Surveillance in Patients with Cirrhosis

**Peter Y. Beah**, **Pauline Yasmeh**, **Camellia Dalai**, **James H. Tabibian**, **Tien S. Dong**

3523354  
Research Forum  
10:15 am

### A Novel Orally Active Metabolite Inhibits Crohn's Disease-Associated Intestinal Fibrosis

**Ying Xie**, **Lindsey Fontenot**, **Hon Wai Koon**

3526438  
Research Forum  
10:16 am

### Aftiphilin-Mediated Paracellular Flux and Myosin Light Chain Kinase Activation Regulates Colonic Epithelial Cell Permeability in Vitro

**Ivy Ka Man Law**, **Carl Robert Rankin**, **Kai Fang**, **Charalabos Pothoulakis**

3523512  
Research Forum  
11:01 am

## SATURDAY, MAY 22 (con't)

### IBD-Associated Dysbiosis in Unaffected Relatives of IBD Patients Emerges in Late Adolescence and Increases with Age

**Jonathan Patrick Jacobs, Julianne C. Yang, Spencer EA, Gattler K, Cho JH, Colombel JF, Helmus D, Mercedes PR, Hart A, Lamouse-Smith E, Wehkamp J, Landers C, Debbas P, Bongers G, Dubinsky M, Faith J, Braun JG**

3520396  
Research Forum  
5:32 pm

### Identifying Advanced Fibrosis in NAFLD Using Non-Invasive Tests: A Systematic Review of Sequential Algorithms

**Shaya Noorian, Ankur Patel, Carina Ashkar, Sammy Saab**

3499859  
Research Forum  
6:15 pm

### MIR-24-3P Regulation of Cell Survival Modulates Epithelial Recovery after Colitis

**Carl Robert Rankin, Artin Soroosh, Kai Fang, Jill May Hoffman, Ivy Ka Man Kaw, Zulfiqar Lokhandwala, Padua D, Pothoulakis Charalabos**

3522234  
Research Forum  
11:16 am

### SP/NK1R Signaling Regulates Posttranscriptional Modification and Exosomal Sorting of MIR-21 in Human Colonic Epithelial Cells via ADORA2B Receptor Stimulation

**Sameena Wani, Ivy Ka Man Law, Charalabos Pothoulakis**

3523712  
Research Forum  
10:46 am

### A Single-Use Duodenoscope for Endoscopic Retrograde Cholangiopancreatography Performed by Endoscopists with a Wide Range of Experience

**Slivka A, Ross A, Sejal DV, Petersen BT, Bruno MJ, Pleskow DK, V. Raman Muthusamy, Chennat J, Calvin L, Krishnamoorthi R, Martin JA, Chandrasekhara V, Law R, Abu Dayyeh BK, Levy MJ, Storm AC, Poley JW, Cohen JM, Adarsh M. Thaker, Peetermans J, Rousseau M, Tirrell GP, Kozarek RA**

3520553  
Topic Forum  
1:37 pm

### Debate: It is Time for Us to Transition to Single-Use Duodenoscopes for All ERCPs

**V. Raman Muthusamy, Spiegel B**

3563681  
Topic Forum  
2:04 pm

### Assessment of Provider and Patient Knowledge of Pneumococcal Vaccination and Barriers to Vaccination in Inflammatory Bowel Disease

**Sonya Dasharathy, Folasade (Fola) Popoola May, Liu Yang, Anthony Myint, Berkeley N. Limketkai, Jenny S. Sauk**

3524470  
Poster Session  
12:15 pm

### Dietary-Induced Biotin Deficiency and Tamoxifen-Induced, Intestine-Specific Deletion of the Biotin Transporter in Adult Mice Lead to Gut Microbiome Perturbations

**Julianne C. Yang, Sabui S, Skupsky J, Jonathan Patrick Jacobs, Said HM**

3524007  
Poster Session  
12:15 pm

### Effect of Development of Antibodies to Anti-Tumor Necrosis Factor Therapies on Response to Vedolizumab and Ustekinumab in Inflammatory Bowel Disease

**Ismail MS, Brewer GG, Haq Z, Parian A, Berkeley N. Limketkai, Lazarev M**

3526785  
Poster Session  
12:15 pm

### EUS Elastography: Initial Experience at a Safety-Net Hospital

**Nasir Malim, Tiffany Chua, James Harding, Armen Eskandari, Viktor E. Eysselein, Sofiya Reicher**

3523734  
Poster Session  
12:15 pm

### High Prevalence of Pancreatic Cysts Detected on Magnetic Resonance Imaging in a Large Tertiary Cohort

**Sushrut Sujan Thiruvengadam, Punya Chittajallu, Jennifer Phan, Ryan Babu Perumpail, Danny Issa, Adarsh M. Thaker, Stephen Kim, Alireza Sedarat, Ely Felker, V. Raman Muthusamy**

3524249  
Poster Session  
12:15 pm

### Liver Fellow Network: A Survey of the Impact of a Novel Online Medical Education Tool

**Shroff H, Aby E, Patel P, Adam Christopher Winters, Vogel AS, Mikolajczyk**

3526614  
Poster Session  
12:15 pm

### Logistic Regression and Machine Learning Methods Predict Choledocholithiasis More Accurately Compared to Current Criteria

**John M. Azizian, Camelia Dalai, Trieu H, Anand Rajan, James H. Tabibian**

3520519  
**POSTER OF DISTINCTION – Poster Session**  
12:15 pm

### Nationwide Analysis of the Impact of NAFLD on Clinical Outcomes in IBD Patients

**Shaya Noorian, Yejoo Jeon, Minh Thu Nguyen, Jenny S. Sauk, Berkeley N. Limketkai**

3522167  
Poster Session  
12:15 pm

### Opioid and Analgesic Prescribing Patterns of Hepatologists for Medicare Beneficiaries from 2013-2017

**Preetha Iyengar, Wendi LeBrett, Anna Lee, Arpan Arun Patel, Lin Chang**

3522703  
Poster Session  
12:15 pm

### Prevalence of COVID-19 Among Outpatients Presenting for Non-Urgent Endoscopy in a Large Healthcare Network

**Camille Soroudi & Bao Sean Nguyen, Natalia Garcia Peñaloza, Liu Yang, Michael Rofail, Lynn Connolly, Kevin A. Ghassemi, Eric Esrailian, Folasade (Fola) Popoola May**

3526736  
Poster Session  
12:15 pm

### Referral Trends in Endoscopic Mucosal Resection of Colon Polyps: A Comparison of Two Time Periods

**Philip Kozan, Allen R. Yu, M.P. Fejleh, Alireza Sedarat, V. Raman Muthusamy, Stephen Kim**

3524723  
Poster Session  
12:15 pm

### Retained Esophageal Contrast on Modified Barium Swallow Study Predicts Abnormal High-Resolution Esophageal Manometry in Patients with Dysphagia

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

3522676  
Poster Session  
12:15 pm

## SATURDAY, MAY 22 (con't)

### Risk Profiling of Unaffected Members of Families with a History of IBD Using Serology Score, Dysbiosis Score, Polygenic Risk Score, and Fecal Calprotectin

*Jonathan Patrick Jacobs, Spencer EA, Gettler K, Cho JH, Colombel JF, Helmus D, Mercedes PR, Hart A, Lamouse-Smith E, Wehkamp J, Landers C, Debbas P, Bongers G, Faith J, Braun JG, Dubinsky M*

3520415  
Poster Session  
12:15 pm

### The Impact of NAFLD on Hospitalization Outcomes in Patients with Inflammatory Bowel Diseases: Nationwide Analysis

*Shaya Noorian, Yejoo Jeon, Thu Nguyen, Jenny Sauk, Berkeley Limketkai*

320349  
**POSTER OF DISTINCTION – Poster Session**  
12:15 pm

## SUNDAY, MAY 23

### AGA Institute - Rome Foundation Lectureship – Cannabinoids in GI Disorders: A New Understanding of Use and Abuse – Introduction & Closing Summary

*Lin Chang, Drossman DA*

3513069, 3513075  
Translational Symposium  
10:00 am

### Brain-Gut-Microbiome Differences in Women with Subtypes of Irritable Bowel Syndrome

*Rachel Pam Sarnoff, Emeran A. Mayer, Vadim Osadchiy, Zixi Chen, Vishvak Subramanyam, Priten Vora, Cathy Liu, Jean Stains, Jennifer S. Labus, Bruce D. Naliboff, Lin Chang, Arpana Gupta*

3520786  
Research Forum  
1:16 pm

### Independent Effects of Race and Diet on the Brain-Gut Microbiome Axis in Obesity

*Michelle Guan, Tien S. Dong, Emeran A. Mayer, Vadim Osadchiy, Jean Stains, Cathy Liu, Adrienne Lenhart, Priten Vora, Jonathan Patrick Jacobs, Venu Lagishetty, Lin Chang, Arpana Gupta*

Research Forum  
3522770  
2:12 pm

### Loratadine and Genistein are Effective Repurposed Candidate Drugs for Treating Clostridium Difficile Infection

*Ying Xie, Lindsey Fontenot, Robert Damoiseaux, Charalabos Pothoulakis, Hon Wai Koon*

3526471  
Research Forum  
4:44 pm

### A Video-Based Educational Intervention Does Not Significantly Improve Trainees' Ability to Assess ERCP Skill: Results of a Randomized Control Trial

*Liu K, Chak A, Faulx AL, Elmunzer BJ, Forbes N, Hayat U, Taft T, Walsh CM, Wani SB, Arain MA, Berzin TM, Buxbaum JL, DiMaio CJ, Fehmi SM, Gupta N, Jonnalagadda S, Kushnir V, Maple JT, V. Raman Muthusamy, Rastogi A, Shah JN, Keswani RN*

3523603  
Topic Forum  
10:28 am

### Interim Analysis of a Multicenter Randomized Controlled Trial Comparing the Right Colon Adenoma and Serrated Polyp Miss Rates with Colonoscopy Using Water Exchange and Carbon Dioxide Insufflation

*Cheng CL, Kuo YL, Tang JH, Fang KC, Su IC, Hsieh YH, Tseng CW, Cheng W, Felix W. Leung*

3520197  
Topic Forum  
6:18 pm

### Clinical Predictors for Severe Reflux Esophagitis as a Cause of Severe Upper Gastrointestinal Hemorrhage

*Peerapol Wangrattanaapreanee, Usha Khrucharoen, Dennis M. Jensen, Mary Ellen Jensen, Jeffrey Gornbein*

3524254  
Poster Session  
12:15 pm

### Elafin Therapy Inhibits Fibrosis by Modulating Protease-Activated Receptor 2, MIR205, and Zinc Finger E-Box Binding Homeobox 1 in Mice

*Ying Xie, Lindsey Fontenot, Hon Wai Koon*

3526457  
Poster Session  
12:15 pm

### Enhanced FFA2/5-HT Mediated Anion Secretion in Mouse Duodenum – A Model of Functional Dyspepsia

*Yasutada Akiba, Jonathan D. Kaunitz*

3522398  
Poster Session  
12:15 pm

### Increasing Prevalence of Reflux Esophagitis as a Cause of Severe Upper Gastrointestinal Hemorrhage

*Peerapol Wangrattanaapreanee, Usha Khrucharoen, Dennis M. Jensen, Thongsak Wongpongsalee, Mary Ellen Jensen*

Poster Session  
3524192  
12:15 pm

### Machine Learning Analysis of Dietary Patterns and Their Association with Disease Activity in Inflammatory Bowel Diseases

*Berkeley N. Limketkai, Mohamed Hamideh, Rishbah Shah, Nancee Jaffe*

3523483  
**POSTER OF DISTINCTION – Poster Session**  
12:15 pm

### Mechanisms of Weight Change after Initiation of Biologic Therapy for Inflammatory Bowel Disease

*Cameron Henneberg, Candice McCaughey, Xialing Ann Chen, Karen Anne O'Laco, Karen Kwaning, Brewer GG, Jenny S. Sauk, Parian A, Berkeley N. Limketkai*

3526211  
Poster Session  
12:15 pm

### Multi-Center Validation of the Evendo Score for Noninvasive Risk Stratification of Endoscopic Variceal Screening

*Camellia Dalai, Peter Y. Beah, Tien S. Dong, James H. Tabibian*

Poster Session  
3525416  
12:15 pm

### Patterns of Liver Transplantation Evaluations for Hospitalized Adults with Acute Alcoholic Hepatitis During COVID-19: A Single Center Study

*Saroja Bangaru, Jihane N. Benhammou, Jung Yum, Tien S. Dong, Arpan A. Patel, Gina Choi, Sammy Saab*

3521701  
Poster Session  
12:15 pm

### Quantification of Submucosal Neurons in Different Regions of the Human Colon

*Luis Cabanillas, Mazzoni M, Filippo Caremoli, Karla Ibarra, Clavenzani P, De Giorgio R, Catia Sternini*

3524968  
Poster Session  
12:15 pm

### The Exalt Model D Single-Use Duodenoscope is Safe and Effective in Post-Market Experience at a Tertiary Medical Center

*Dean Ehrlich, Punya Chittajallu, Jennifer Phan, Harold E. Paredes, Danny Issa, Adarsh M. Thaker, Stephen Kim, Alireza Sedarat, V. Raman Muthusamy*

3526115  
Poster Session  
12:15 pm