Welcome to the May issue of *CMGH*. With Digestive Disease Week® (DDW) just around the corner, we have compiled the following section highlights and meeting guides prepared by the AGA Council Sections listed below. We hope that this feature helps support the basic and translational research communities within the AGA, as well as assisting our readers in taking advantage of the vast array of offerings at DDW.

Thanks very much to the section chairs and vice chairs as well as the AGA staff who helped prepare this compilation, and to all of you for your support of the Journal. Looking forward to seeing you in Chicago!

JERROLD R. TURNER, MD, PhD, AGAF
Editor-in-Chief, *CMGH*

**DDW 2017 for the AGA Council**

- Cellular and Molecular Gastroenterology Section
- Esophageal, Gastric & Duodenal Disorders Section
- Gastrointestinal Oncology Section
- Growth, Development and Child Health Section
- Imaging & Advanced Technology Section
- Immunology, Microbiology and Inflammatory Bowel Diseases Section
- Intestinal Disorders Section
- Liver and Biliary Section
- Microbiome and Microbial Diseases in the Gastrointestinal Tract Section
- Neuragastroenterology and Motility Section
- Obesity, Metabolism and Nutrition Section
- Pancreatic Disorders Section

**Cellular and Molecular Gastroenterology Section**

**Charalabos Pothoulakis, MD** and **Linda C. Samuelson, PhD**

**Introduction**

The AGA Council section “Cellular & Molecular Gastroenterology” (CMG) has broad interests in the basic mechanisms underlying digestive diseases and gastrointestinal biology. The section’s membership has interests representing many areas of cutting-edge science, including growth factors, stem cells, cellular differentiation, epigenetics, mechanisms of receptor function, basic physiology and cell biology, luminal chemosensing, intestinal inflammation, and mucosal injury and healing. CMG strives to invite outside speakers who are leading scientists in their fields to present forward-looking scientific programming at DDW.

We have an exciting lineup for DDW 2017. CMG will sponsor a distinguished abstract plenary session, 3 research symposia, 1 state-of-the-art hybrid session, 6 research fora, and 11 poster sessions. In addition, CMG will sponsor a special Funderburg Symposium celebrating the 25th anniversary of this award. We look forward to seeing you at DDW!

**Research Fora**

Topical Research Fora have been organized based on the top-scored abstracts. Three of the 6 are cross-sectional, drawing abstracts from several sections. Themes this year focus on gastrointestinal stem cell function in homeostasis and disease, basic mechanisms of enteric function, inflammation and cancer, and novel animal models of GI disorders.

- **Saturday, May 6, 2017**: “Intestinal Stem Cell Biology” and “Human Organoid Models of Gut Function and Pathogenesis”
- **Monday, May 8, 2017**: “Basic Mechanisms in Enteric Neurosciences” and “Inflammatory Mechanisms Regulating Colitis”
- **Tuesday, May 9, 2017**: “In Vivo (Non-Human) Models of Gastrointestinal Disorders” and “Molecular and Cellular Mechanisms of GI Cancers”

**State-of-the-Art Hybrid Session**

This session features a state-of-the-art lecture by Chris Glass, MD, PhD (UCSD) on genomic analysis of epigenetic and transcriptional networks regulating macrophage function, combined with three short complementary presentations chosen from the abstracts.

- **Monday, May 8, 2017**: “Role of Epigenetic-Transcriptional Networks in the Pathogenesis of GI Diseases”

**Distinguished Abstract Plenary**

Our distinguished abstract plenary session and business meeting will include six outstanding abstracts that focus on themes of stem cells, cell signaling, cellular differentiation, and mucosal injury and repair in health and disease. At this session, the CMG section will also present the Cellular & Molecular Gastroenterology Section Research Mentor Award to Nigel W. Bunnett, PhD.

- **Sunday, May 7, 2017**: “Cellular & Molecular Gastroenterology Distinguished Abstract Plenary and Section Business Meeting”

**Symposia**

- **Saturday, May 6, 2017**: “Intestinal Stem Cell Responses to Pathogen Infection.” This symposium presents a current view of how epithelial cells and inflammatory mediators regulate intestinal stem cell function and orchestrate responses to pathogens. Presenters include: Alan Hanash, Wendy Garrett and Sarah E. Blutt.
- **Saturday, May 6, 2017**: “Mechanisms of Mucosal Repair.” This symposium explores mechanisms of mucosal repair, including an appreciation of novel signaling pathways, immune cell mediators and neuropeptides participating in wound repair and mucosal healing. Presenters include: Thaddeus S. Stappenbeck, Asma Nusrat and Charalabos Pothoulakis.
Monday, May 8, 2017: “Mechanisms of Bile Acids in Intestinal Disorders.” This symposium will examine the physiology and pathophysiology of bile acids, with experts in the field presenting current understanding of the novel regulators of homeostasis, metabolism and inflammation. Presenters include: Thomas Vallim, David J. Mangelsdorf and Michael Trauner.

Poster Sessions
CMG is sponsoring 11 poster sessions.

Saturday, May 6, 2017: “Stem Cells and Organoids,” “Cellular Plasticity and Growth Factors Regulating Proliferation and Differentiation,” “Gastric Neoplasms: Biology and Clinical Therapeutics.”

Sunday, May 7, 2017: “Basic Mechanisms of Injury and Repair”, “In Vivo Models of Gastrointestinal Disorders,” “Transcriptional and Epigenetic Regulation of GI Function and Disease.”

Monday, May 8, 2017: “Cell Signaling in Inflammation”, “Enteric Neuroscience and Chemosensing in The GI Tract,” “Genetics and Intestinal Disorders.”

Tuesday, May 9, 2017: “Cell Biology, Biochemistry and Integrative Biology,” “Signaling Pathways Regulating Motility, Secretion and Absorption”.

Funderburg Symposium
Sunday, May 7, 2017: “Funderburg Symposium: 25 Years of Gastric Cancer Research.” This symposium will celebrate 25 years of the R. Robert & Sally Funderburg Research Award in Gastric Cancer. James Goldenring will give an overview of the important impact this award has had on discoveries in the field. In addition, the three most recent awardees will present their research findings, including: Manual Amieva, who will speak on Helicobacter colonization of the gastric stem cell niche; Linda Samuels, who will present her work on Notch pathway induction of gastric tumorigenesis; and Richard DiPaolo, who will describe research on chronic gastritis and gastric cancer.

Research Mentor Award
Established in 2010, the Research Mentor Award recognizes an individual for his or her achievements as an outstanding mentor in a specific area of research.

The award will be presented to Nigel W. Bunnett, PhD during Cellular & Molecular Gastroenterology Distinguished Abstract Plenary and Section Business Meeting, Sunday, May 7, 2-3:30 p.m., 2:00-2:06 PM, S105a

Esophageal, Gastric & Duodenal Disorders Section
Michael F. Vaezi, MD, PhD and John Kao, MD, AGAF

Introduction
The EGD section continues to heavily contribute to the educational and research mission of the AGA Institute and remains a highly visible section at Digestive Disease Week® (DDW). The attendance at DDW continues to be robust, with nearly all of the EGD section’s clinical sessions exceeding expected capacity. The section is diverse in regards to representation of multiple upper GI diseases including esophagus, stomach, and duodenum. Advances continue to develop in the area of esophageal reflux and motility testing (e.g., high resolution manometry and mucosal impedance measurements), endoscopic reflux therapies as well as continued strong interest in both clinical and basic research in Eosinophilic esophagitis, Barrett’s esophagus, and H. pylori-related complications. Dominant areas of investigation in this section include esophageal physiologic testing, eosinophilic esophagitis, H. pylori infection and its chronic implications, GERD and extraesophageal GERD, Barrett’s esophagus, esophageal and gastric dysmotility, and GI bleeding. Section leaders believe the EGD section will continue to play a pivotal role in providing excellence in research and education, and strive to meet these goals by thoughtful programming.

Research Fora
The EGD section will feature 10 research fora, which will have oral abstract presentations and invited speakers centered on general themes. These include the following:

Saturday, May 6, 2017: “GERD: Diagnostic Testing,” “Mechanisms of Host Mucosal Response to Injury and H. pylori Infection” and “New Insights Into the Pathogenesis and Treatment of Eosinophilic Esophagitis”

Sunday, May 7, 2017: “Barrett’s Esophagus: Diagnosis, Management and Surveillance” and “GERD and Barrett’s Esophagus: Medical, Surgical and Endoscopic Therapies”

Monday, May 8, 2017: “GERD: Complications and Extraesophageal Presentations” and “Peptic Ulcer Disease and Non-Variceal UGI Bleeding”

Tuesday, May 9, 2017: “H. pylori Epidemiology, Outcomes, and Treatment,” “GERD, Achalasia and EoE” and “Advances in the Diagnosis and Treatment of Eosinophilic Esophagitis”

Distinguished Abstract Plenary
The EGD section will hold its distinguished abstract plenary, Esophageal, Gastric & Duodenal Disorders Distinguished Abstract Plenary: The Best of Barrett’s, EoE, GERD, H. pylori, on Tuesday, May 9. The session will include the presentation of the 2017 EGD Section Research Mentor Award to Dr. Prateek Sharma, MD, at the beginning of this session.

Symposia
EGD also programmed 6 symposia addressing challenging clinical topics and highlighting recent practice guidelines.

Saturday, May 6, 2017: “Measuring Quality of Care in GERD, Barrett’s, EoE and Functional Dyspepsia,” “2017 Update on the Management of Eosinophilic Esophageal and Gastric Disorders” and “Kristin and David Peura M.D. Lecture: Help! I Can’t Get Rid of H. pylori”
**Sunday, May 7, 2017:** “Kyoto Global Consensus on *H. pylori* Infection: Treatment Update, Gastritis Grading, and Definition of *H. pylori* Dyspepsia”

**Monday, May 8, 2017:** “Mechanisms, Diagnosis and Management of Esophageal Disorders”

**Tuesday, May 9, 2017:** “Cough, Laryngitis and Post-Lung Transplant Rejection: Is it GERD? What is the Role of a Gastroenterologist in Diagnosis and Management?”

**Poster Sessions**

EGD is sponsoring 14 poster sessions. The topics include the following: “Barrett’s Esophagus: Diagnosis, Management and Surveillance,” “Eosinophilic Esophagitis: Clinical, Translational or Basic,” “Esophageal Motility and Dysmotility,” “Functional Dyspepsia, Nausea and Vomiting,” “Gastric Neoplasms: Precursor Lesions, Biology, Diagnosis and Clinical Therapeutics,” “GERD: Complications and Extra-Esophageal Presentations,” “GERD: Diagnostic Testing,” “GERD/Barrett’s: Medical, Surgical and Endoscopic Therapies,” “GERD/Barrett’s Pathogenesis,” “Helicobacter pylori: Epidemiology, Diagnosis and Outcomes,” “Helicobacter pylori: Treatment and Antimicrobial Resistance,” “Helicobacter pylori-Host Response and Pathogenesis,” “Mucosal Defense, Secretion, Injury, Repair and Healing” and “Peptic Ulcer Disease and Non-Variceal UGI Bleeding.”

**Research Mentor Award**

Established in 2010, the Research Mentor Award recognizes an individual for his or her achievements as an outstanding mentor in a specific area of research.

The award will be presented to Prateek Sharma, MD during Esophageal, Gastric & Duodenal Disorders Distin-
guished Abstract Plenary: The Best of Barrett’s, EoE, GERD, H. pylori, Tuesday, May 9, 8-9:30 a.m., 8:00-8:06 AM, S104.

**Gastrointestinal Oncology Section**

Rhonda F. Souza, MD, AGAF, FASGE and John Lynch, MD, PhD

**Introduction**

The Gastrointestinal Oncology Section is dedicated to expanding and advancing the science and practice of gastroenterology primarily by providing educational leadership in topics central to the initiation, progression, diagnosis and treatment of gastrointestinal tract cancers by programming high quality and the latest advances in clinical, translational, and basic science research. The foci of our section are divided under two broad, inter-related themes of organ systems and gastrointestinal cancer biology.

**Research Fora**

The Gastrointestinal Oncology Research Fora were developed to include many of the most outstanding abstracts submitted to our section for presentation in Chicago. Fora topics reflect the most current research interests of our section members, and bring together thematically related abstracts to foster greater interactions between presenters and the audience.

**Sunday, May 7, 2017:** “Clonal and Stem Cell Populations in GI Carcinogenesis,” “Translational and Targeted Therapies for GI Cancers,” “Inflammation and inflammatory pathways in GI carcinogenesis” and “Gastric Neoplasms: Precursor Lesions, Biology, Diagnosis and Clinical Therapeutics”

**Monday, May 8, 2017:** “Cancer Therapy and Chemoprevention” and “Barrett’s Esophagus and Esophageal Adenocarcinoma-Mechanisms and Models”

**Tuesday, May 9, 2017:** “Carcinoid and Other GI Neuroendocrine Tumors (Genetics, Epigenetics, Cell Biology and Development)” and “Colon Cancer Biomarkers and Screenings”

**Distinguished Abstract Plenary**

The Gastrointestinal Oncology Distinguished Abstract Plenary is delighted to present six outstanding abstracts. Topics will be of interest to clinicians as well as basic scientists and will explore novel biomarkers, habits associated with colon cancer survival, and mechanisms of carcinogenesis.

**Monday, May 8, 2017:** “Gastrointestinal Oncology Distinguished Abstract Plenary and Section Business Meeting.” Anyone interested in supporting the section’s mission, invigorating our outreach, or ideas for 2018 DDW Symposium topics should attend.

**Symposia**

The invited speaker symposia this year are an exciting collection of cutting-edge basic research methodologies and forward-looking clinical reviews designed to provoke discussion and debate.

**Sunday, May 7, 2017:** “The Tumor Microenvironment (TME): Novel Pathways Driving Carcinogenesis”

**Sunday, May 7, 2017:** “Using CRISPR/Cas9 to Develop Novel Models for GI Cancer”

**Monday, May 8, 2017:** “Early Onset and Hereditary Colorectal Cancer,” “Esophageal Squamous Cell Cancers: From Genomic Landscapes to Perspectives on New Therapies” and “Systems Biology Approaches to Gastrointestinal Cancer”

**Tuesday, May 9, 2017:** “U.S. and International Colorectal Cancer Screening Guidelines”

**Poster Sessions**

GIONC is sponsoring 16 poster sessions. The topics include the following:

“Gastric Neoplasms: Precursor Lesions, Biology, Diagnosis and Clinical Therapeutics”

“Diabetes and GI Cancers,” “Pancreatic Neoplasms: Precursors, Biology, Diagnosis and Therapy,” “Inflammation and GI Cancers,” “Obesity, Microbiome, and Nutrition in GI Cancer Pathogenesis,” “Liver and Biliary Carcinoma: Management, Etiology, Diagnosis and Natural History,” “Biomarkers for Detection, Antimicrobial Resistance, and Disease Outcomes,” “Lung Transplant Rejection: Is it GERD? What is the Role of a Gastroenterologist in Diagnosis and Management?”

**Research Mentor Award**

Established in 2010, the Research Mentor Award recognizes an individual for his or her achievements as an outstanding mentor in a specific area of research.

The award will be presented to Prateek Sharma, MD during Esophageal, Gastric & Duodenal Disorders Distinguished Abstract Plenary: The Best of Barrett’s, EoE, GERD, H. pylori, Tuesday, May 9, 8-9:30 a.m., 8:00-8:06 AM, S104.
Treatment and Prognosis of GI Cancers,” “Translational and Targeted Therapies for GI Cancers”
Carcinomas: Cancer Genomics, Epigenomics, Metabolomics, Proteomics and Systems Biology,” “Tumor Cell Biology and Microenvironment,” “Familial Cancer Syndromes and Cancer Genetics,” “Cancer Prevention and Chemoprevention
Esophageal and Junctional Neoplasms: Precursor Lesions, Biology, Diagnosis and Clinical Therapeutics,” “Carcinoid and Neuroendocrine Neoplasms: Biology, Diagnosis and Clinical Therapeutics,” “Molecular Mechanisms and Pathways in Carcinogenesis and Metastasis,” “Colon Cancer Screening,” “Epidemiology and Population Health Screening: Colorectal Cancer, Esophageal Cancer, Hepatocellular Carcinoma, Other Screening”.

Other Events
Gastroenterology Research Group (GRG) Spring Symposium
We encourage GI Oncology members to attend the GRG Symposium on Sunday, May 7, 2017 entitled “Engineered T cells and immune checkpoint therapies for GI cancers” to hear about the one of the latest advances in therapy for GI cancers.

GIONC 2017 Distinguished Mentor Award Recipient: Dr. Jun Yu, The Chinese University of Hong Kong
Her award will be presented at the start of the GIONC Distinguished Abstract Plenary Session on Monday, May 8, 2017. Please stop by and congratulate Dr. Yu on this well-deserved award as an outstanding mentor.

Research Mentor Award
Established in 2010, the Research Mentor Award recognizes an individual for his or her achievements as an outstanding mentor in a specific area of research. The award will be presented to Jun Yu, MD, PhD, AGAF during Gastrointestinal Oncology Distinguished Abstract Plenary and Section Business Meeting, Monday, May 8, 4:53 p.m., 4:00-4:06 PM, S105bcd

Growth, Development and Child Health Section
Noah F. Shroyer, PhD, and Maria Oliva-Hemker, MD

Introduction
The Growth, Development & Child Health (GDCH) section serves dual roles in both attracting basic scientists focused on the biological pathways that regulate the growth, development and differentiation of the gastrointestinal tract as well as clinicians interested in gastrointestinal diseases affecting the pediatric population.

Research Fora
The GDCH section will feature 5 fora, the majority of which will showcase both abstract and invited presentations.

Sunday, May 7, 2017: “Pediatric Management of Upper Gastrointestinal Tract Disorders” and “Organoids as Models of Pediatric Intestinal Disorders”
Monday, May 8, 2017: “Response of The Intestine to Normal and Abnormal Stimuli”
Tuesday, May 9, 2017: “Pediatric IBD: Clinical and Translational Studies” and “Not Just Cancer! Wnt/Beta-Catenin During Development and Homeostasis of The GI Tract”

Symposia
The GDCH section will also showcase 3 clinical and translational symposia of invited leaders in their fields.
Sunday, May 7, 2017: “Controversies in Pediatric Inflammatory Bowel Disease”
Monday, May 8, 2017: “New Frontiers in Pediatric Liver Disease” and “Microbiome in Pediatric Diseases”

Poster Sessions
GDCH is sponsoring 10 poster sessions. The topics include the following: “Biotics in Health and Disease,” “Clinical Pediatric Gastroenterology,” “Food Intolerances,” “Genetics and Intestinal Disorders,” “GI Tract Functions and Their Changes Throughout the Life Span,” “In Vivo (Non-Human) Models of Gastrointestinal Disorders,” “Molecular Mechanisms of Growth and Development of the GI Tract, Liver and Pancreas,” “Pediatric Functional and Motility Disorders,” “Pediatric IBD: Clinical and Translational Studies,” and “The Gut Microbiome in Pediatric Development and Disease.”

Research Mentor Award
Established in 2010, the Research Mentor Award recognizes an individual for his or her achievements as an outstanding mentor in a specific area of research.

The award will be presented to Paul Erick Hyman, MD during Pediatric Functional and Motility Disorders, Tuesday, May 9, 8:30-9:30 a.m., 8:25-8:31 a.m., S502

Imaging & Advanced Technology Section
John M. DeWitt, MD, FASGE and Jacques Van Dam, MD, PhD, AGAF

Introduction
The Imaging and Advanced Technology section of the AGA Council identifies research submitted to Digestive Disease Week® (DDW) that incorporates novel applications or improvements to existing technology or new techniques that image or treat disorders of the gastrointestinal tract, liver, bile ducts, gallbladder or pancreas. Along with other sections of the council, it designs multidisciplinary symposia and sessions for DDW that are designed to appeal to clinicians and scientists in gastroenterology, surgery and radiology.
Emerging Consensus on Use of CT and MR Enterography

each technology for staging these patients.

staging of patients with in optimum use of abdominal imaging for diagnosis and

organs and ducts. This symposium will highlight current use techniques and how they may be applied to patient care.

may utilize a wide array of imaging techniques such as NBI, forming endoscopy on patients with Barrett

Esophagus: Which Test in Which Patient.

Posters

Sat 2017: “New Frontiers in Imaging of Gastrointestinal Disease”

Mon 2017: “Imaging and Advanced Technology of the Pancreas”

Symposia

Sat 2017: “Screening for Barrett’s Esophagus: Which Test in Which Patient.” Physicians performing

endoscopy on patients with Barrett’s esophagus may utilize a wide array of imaging techniques such as NBI, OCT, VLE. This session will highlight use of each of these techniques and how they may be applied to patient care.

“Lumen-Apposing Stents: Where Now?” Lumen apposing stents have increased access of endoscopists to adjacent organs and ducts. This symposium will highlight current use of these devices.

Sat 2017: “Imaging in Crohn’s Disease: An Emerging Consensus on Use of CT and MR Enterography”

This session will highlight the science and expert opinion on optimum use of abdominal imaging for diagnosis and staging of patients with inflammatory bowel disease.

Tue 2017: “Imaging and Staging of Rectal Cancer - CT, MR, EUS - Best Approach” Staging of rectal cancer is critical to triaging patients into primary operative or nonoperative management. During this session, experts will present evidence on the strengths and limitations to each technology for staging these patients.

“Advances in Pancreatic Endoscopy”

Posters

The IAT section is sponsoring 11 poster sessions, covering the following topics:

• Confocal Endomicroscopy and Other Optical Sectioning Techniques

• Diagnostic and Therapeutic Applications

• Enhanced Endoscopic Imaging Including Molecular Imaging, Spectroscopy and Fluorescence Imaging, and Optical Coherence Tomography

• Ex Vivo and In Vivo Imaging for Scientific Research Applications

• Imaging and Therapeutic Interventions in Obesity and Metabolic Diseases

• Imaging of the GI Tract

• Imaging Techniques Including Comparative Studies, Efficacy and Cost Effectiveness

• Novel/Experimental Endoscopy

Research Mentor Award

Established in 2010, the Research Mentor Award recognizes an individual for his or her achievements as an outstanding mentor in a specific area of research.

The award will be presented to Kenneth K. Wang, MD, AGAF during Advanced Technology for the Diagnosis of Gastrointestinal Disease: Sniff, Scope, Stain or Stiffness?, Saturday, May 6, 4-5:30 p.m., 4:00-4:06 PM, S105a (RF).

Immunology, Microbiology and Inflammatory Bowel Diseases Section

Mark Silverberg, MD, PhD, FRCPC and Uma Mahadevan, MD

Introduction

The IMIBD section executes the AGA’s strategic plan by providing an international forum to present and evaluate the most exciting and innovative research in the field. By providing a forum for debate, collaboration and an exchange of ideas, the IMIBD section helps define what is state-of-the-art care in IBD and pushes the boundaries of science in search of a cure. Established and emerging leaders collate this information to provide education and training to both the next generation of researchers as well as for providers caring for patients with IBD. This enhanced knowledge leads to improved practice and quality, ultimately showing the value of section through the work of its diverse members.

Research Fora

Sat 2017: “Preclinical Treatments in Animal Models of IBD,” “IBD: Diagnosis and Diagnostics,” “IBD: Natural History,” “IBD: Therapeutic Drug Monitoring” and “IBD: Uncontrolled Observations in Humans”

Sun 2017: “The Pregnant Patient with IBD: Data for an International Consensus?!” “IBD: Genomics and Gene Function,” “IBD: Cytokines, Signaling and Receptors,” “IBD: Adverse Events Related to Therapy” and “IBD: Comparative Effectiveness Studies”

Mon 2017: “Immune Cell Function in IBD” and “IBD: Quality of Life and Quality of Care”

Tue 2017: “IBD: Controlled Clinical Trials,” “IBD: Controlled Clinical Trials: Part 2,” “IBD: Disease Activity Assessment” and “Clinical Impact of the Microbiome in IBD: Almost Ready for Prime Time?”

Distinguished Abstract Plenary

Mon 2017: “Immunology, Microbiology & Inflammatory Bowel Diseases Distinguished Abstract Plenary and Section Business Meeting”

Symposia

Sat 2017: “Basic Science Solving Clinical Conundra in IBD”

Sun 2017: “IBD: Dysplasia and other Disease Complications”

Mon 2017: “Kiron and Kamala Das Symposium — Managing the Inpatient with Severe
Ulcerative Colitis: A Case Based, Medical-Surgical Approach” and “Systems Biology in IBD: A Pathway to a Cure?”

**Tuesday, May 9, 2017:** “Farron and Martin Brotman MD Lecture — The Modern Medical Management of Inflammatory Bowel Disease: Biologics, Biosimilars and Small Molecules”

**Poster Sessions**

IMIBD is sponsoring 23 poster sessions. The topics include the following:

- **IBD: Adverse Events Related to Therapy.**
- **IBD: Comparative Effectiveness Studies.** Clinical Trials Modulating the Microbiome in IBD.
- **IBD: Controlled Clinical Trials in Humans.**
- **Animal Models: Pre-Clinical Treatment of Intestinal Inflammation.**
- **Epithelial Cell Function in Inflammation.**
- **IBD: Diagnostics in IBD.**
- **IBD: Disease Activity Assessment.**
- **IBD: Cytokines, Signaling and Receptors.**
- **IBD: Disease Complications.**
- **IBD: Genomics and Gene Function.**
- **IBD: Epidemiology.**
- **IBD: Innate and Adaptive Lymphoid Activation and Regulation.**
- **IBD: Microbiome.**
- **Mechanisms of Fibrosis.**
- **Microbial-Induced Mucosal Inflammation and Immunity.**
- **Mucosal Innate Immune Function and Innate Host Defense.**
- **IBD: Natural History and Outcomes.**
- **IBD: Practice Management/Quality of Care/Quality Assurance.**
- **IBD: Quality of Life/Psychosocial Care.**
- **IBD: Therapeutic Monitoring.**
- **IBD: Uncontrolled Therapeutic Observations in Humans.**
- **Pediatric IBD: Clinical and Translational Studies.**

**Research Mentor Award**

*Established in 2010, the Research Mentor Award recognizes an individual for his or her achievements as an outstanding mentor in a specific area of research.*

The award will be presented to Gordon R Greenberg, MD during Immunology, Microbiology & Inflammatory Bowel Diseases Distinguished Abstract Plenary and Section Business Meeting, Monday, May 8, 4-5:30 p.m., 4:42-4:48 PM, E354a

**Intestinal Disorders Section**

*Wayne I. Lencer, MD, AGAF and Joseph A. Murray, MD*

**Introduction**

The Intestinal Disorders section represents a community of clinical, translational and basic scientists interested in disease-focused and pathway-driven processes underlying: Celiac disease and food intolerances; Radiation, chemotherapy, and hypoxia-induced injury and repair; Diarrhea, malabsorption and enteropathies.

Microbial pathogenesis and mechanisms of microbe-host cross talk; Nutrient, solute, salt and water transport; Epithelial cell and molecular biology; Epithelial barrier function and wound repair; Epithelial functions in innate immunity and inflammation; and Irritable bowel syndrome. The Intestinal Disorders section aims to foster collaboration among interactive scientific communities by featuring outstanding basic, translational and clinical research in these areas.

**Research Fora**

*Saturday, May 6, 2017: “Epithelial Biology in Intestinal Disease,” “Acute Chronic Diarrhea and Treatment Guidelines” and “Food Intolerance.”*

*Sunday, May 7, 2017: “Celiac Disease Molecular Pathogenesis,” “Irritable Bowel Syndrome” and “Ion and Solute Transport.”*

*Monday, May 8, 2017: “Celiac Disease Clinical/Epidemiology” and “Epithelial Cell Biology – Junctions and Barrier Function.”*

*Tuesday, May 9, 2017: “Drug-Induced Latrogenic Diarrhea” and “Microbial-Induced Mucosal Inflammation and Immunity and Host Defense.”*

**Symposia**

*Saturday, May 6, 2017: “Barrier Functions in the Intestine and Beyond.”*

*Sunday, May 7, 2017: “Super Resolution Light Microscopy.”*

*Monday, May 8, 2017: “Celiac Disease in the Post-Biopsy Era.”*

*Tuesday, May 9, 2017: “Host Determinants of Gut Microbial Community Structure and Function.” “Measuring Outcome in Therapies for Celiac Diseases.”*

**State of the Art**

*Monday, May 8, 2017: “Managing the Host Pathogen Interface: Epithelial Innate Immunity.”*

**Poster Sessions**

GDCH is sponsoring 14 poster sessions. The topics include the following: Inflammation and GI Cancers ID, “In Vivo and Organoid Models of Gastrointestinal Disorders,” “Irritable Bowel Syndrome,” “Intestinal Injury and Repair - Hypoxia, Radiation and Inflammation,” “Cell and Molecular Biology of Intestine,” “Epithelial Junctions and Barrier Function,” “Ion and Solute Transport,” “Epithelial Cell Function in Inflammation ID,” “Clostridium difficile Colitis,” “Diarrheal Disease and Other Enteropathies,” “Celiac Disease – Diagnosis,” “Celiac Disease – Outcome,” “Celiac Disease - Treatment and Diet Adherence,” and “Celiac Disease - Population Studies.”

**Research Mentor Award**

*Established in 2010, the Research Mentor Award recognizes an individual for his or her achievements as an outstanding mentor in a specific area of research.*

The award will be presented to Nicholas O. Davidson, MD, AGAF during Managing the Host Pathogen Interface: Epithelial Innate Immunity, Monday, May 8, 10-11 a.m., 10:00-10:06 AM, S102abc (SOA)
Liver and Biliary Section
Jayant A. Talwalkar, MD, MPH and Kenneth E. Sherman, MD, PhD

Introduction
The Liver & Biliary (LB) section is dedicated to advancing the science and clinical practice of gastroenterology by providing leadership in topics central to the epidemiology, diagnosis and treatment of acute and chronic hepatobiliary diseases. The section is focused on providing state-of-the-art programming in all aspects of clinical, translational and basic science research as it relates to liver disease and transplantation. It is the second largest section in the AGA Council, and collaborates with multiple AGA sections and the American Association for the Study of Liver Diseases (AASLD) in offering abstract-driven sessions at DDW.

Research Fora
Saturday, May 6, 2017: “Natural History of Viral Hepatitis” and “Advances in Pathogenesis and Treatment of Alcoholic Hepatitis (AH)”
Sunday, May 7, 2017: “Treatment of Non-Alcoholic Steatohepatitis”

Poster Sessions
LB is sponsoring 8 poster sessions. The topics include the following: “Clinical Biliary Tract Disorders, Stone Diseases and Stone Pathogenesis,” “Clinical Hepatitis: Etiology, Diagnosis and Natural History,” “Clinical Hepatitis: Prevention and Treatment,” “Complications of Cirrhosis and Portal Hypertension,” “Hepatic Fibrosis, Diagnosis and Treatment,” “Liver and Biliary Carcinoma: Management, Etiology, Diagnosis and Natural History,” “Metabolic and Genetic Liver Disease,” and “Non-Alcoholic Fatty Liver Diseases and NASH.”

Symposia
Saturday, May 6, 2017: “Metabolic Diseases of the Liver in Adults”
Monday, May 8, 2017: “AGA Emmet B. Keeffe Symposium— Prevention of Viral Hepatitis Through Vaccination: Done or Just Getting Started?” and “HIV and Liver Disease.”
Tuesday, May 9, 2017: “Harm Reduction in Viral Hepatitis” and “Updates on Clinical Biliary Tract Disorders in Adults”

State of the Art
Sunday, May 7, 2017: The Dr. Charles S. Lieber Lecture “Mechanisms of Liver Injury in NAFLD and NASH”

Research Mentor Award
Established in 2010, the Research Mentor Award recognizes an individual for his or her achievements as an outstanding mentor in a specific area of research. The award will be presented to Arun J. Sanyal, MD during The Dr. Charles S. Lieber Lecture — Mechanisms of Liver Injury in NAFLD and NASH, Sunday, May 7, 2-3 p.m., 2:00-2:06 PM, S403b (SOA)

Microbiome and Microbial Diseases in the Gastrointestinal Tract Section
Eugene B. Chang, MD, AGAF and Tor Christopher Savidge, PhD

Introduction
DDW 2017 is the inaugural event for members interested in this new section of the council. The goal of the MMDGT section is to promote ideas, research, technology, education and dialogue that advance the understanding of the gastrointestinal microbiome in health and disease.

Research Fora
The MMDGT is offering 4 research sessions that feature outstanding speakers who will present findings that highlight emerging areas of discovery that advance our understanding of the role of the gut microbiome in health and disease. MMDGT is also happy to co-sponsor many sessions this year as the microbiome is a cross cutting field of interest that goes beyond this section. Please be sure to use the mobile planner and app once it's available to see all the MMDGT related sessions.

Saturday, May 6, 2017: “Clostridium difficile Colitis: Pathogenesis, Diagnosis, Management and Therapy” (the latest developments in the diagnosis and treatment, understanding of pathogenesis, and FMT in C. difficile colitis) and “Microbial Regulators of Gut-Brain Function”
Sunday, May 7, 2017: “Role of the Gut Microbiome in Immune and Inflammatory Diseases” (Learn about how the development of gut dysbiosis causes or contributes to inflammatory diseases of the bowel and how immune and inflammatory processes affect the gut microbiome)
Tuesday, May 9, 2017: “The Gut Microbiome in Pediatric Development and Disease”

Poster Sessions
MMDGT is sponsoring 8 poster sessions which have been organized into the following topics: “Gut Microbiome in Health and Disease,” “Clostridium difficile Colitis: Pathogenesis, Diagnosis, Management and Therapy,” “Gut Microbiome-Based Therapies: Defined and Undefined,” “Gut Microbial Dysbiosis: Causes and Consequences,” “Microbial Pathogens of the Intestine and Colon,” “Microbiome and Cancer,” “Role of the Gut Microbiome in Immune and Inflammatory Diseases,” and “The Gastrointestinal Microbiome: Determinants and Dynamics of Structure and Function.”

Symposia
The MMDGT symposia will feature outstanding speakers, selected abstract-driven talks, and topics in formats that provides attendees with what’s current and hot, but also a look into the future of the microbiome field. A mix of basic science, translational, and clinical topics will be presented.

Saturday, May 6, 2017: “At the Frontier of Microbiome Research” (A potpourri of some of the most exciting microbiome research selected by MMDGT) and “Dietary...”
Modulation of Host-Microbe Interactions in Health and Disease” (Diet is a major determinant of gut microbial composition and function. Speakers will discuss how diet-induced changes in gut microbiota affect health and disease and how this knowledge can be leveraged for therapeutic purposes)

Sunday, May 7, 2017: “Gut Microbiota in Disease; Identifying Personalized Approaches in Management of Disease and Section Business Meeting” (A stellar cast of leading clinical and basic researchers who will provide a snapshot of microbiome-based approaches and interventions for personalized medicine. This session will be followed by the business meeting of the MMDGT where the MMDGT Research Mentor Award will be presented to John F. Cryan, PhD.

Monday, May 8, 2017: “Dark Matter: Non-Bacterial Kingdoms of the Microbiome (Bacteriophage, Archea, and Fungi)” (Bacteria are only one group of microbes that comprise the gut microbiome. Come learn about the less well known microbial kingdoms that may be important to health and disease) and “Unraveling Extra-Intestinal Host-Microbiome Systems Biology: Terra Incognita to Cognita” (If you want to learn how to study the gut microbiome, this is the session to come to. The session feature some of the best work in this area, where experimental, bioinformatics, and clinical tools have been applied to gain insights into human health and diseases)

Tuesday, May 9, 2017: “Clostridium difficile Colitis: When Good Bugs Go Bad” (Understand microbial therapies and learn about microbiota functions and host-microbe interactions in C. difficile colitis), “Gut Feelings: The Microbiome-Gut-Brain Axis” (Learn about the many ways that gut microbes regulate central and peripheral organ functions, affecting processes relevant to IBS, metabolic diseases, and IBD) and “Lessons from Childhood - The Role of the Gut Microbiome in Pediatric Diseases” (Learn about how childhood development is impacted by changes in the gut microbiome and what long term consequences may be)

Research Mentor Award

Established in 2010, the Research Mentor Award recognizes an individual for his or her achievements as an outstanding mentor in a specific area of research.

The award will be presented to John F. Cryan, PhD during Gut Microbiota in Disease; Identifying Personalized Approaches in Management of Disease and Section Business Meeting, Sunday, May 7, 2-3:30 p.m. 2:00-2:06 PM, S102abc (TS)

Neurogastroenterology and Motility Section

Satish S.C. Rao, MD, PhD, AGAF and John Wiley, MD

Introduction

The NGM section of the AGA Council is dedicated to serving the field of Neurogastroenterology and Gastrointestinal Motility by promoting excellence in research, innovation, education and training. Some of the sections’ main goals are:

1. To attract the best science and cutting-edge research in neurogastroenterology and GI motility for presentation at Digestive Disease Week® (DDW).
2. To educate and train gastroenterologists, research scientists, surgeons, physiologists, trainees, nurses and technicians on the latest developments in the field.
3. To foster interdisciplinary basic science, translational and clinical research.
4. To lead and critically examine the development of novel tools for studying neurogastroenterology and motility disorders, and gut and brain interactions, both at the bench side and for patient care.

The NGM Section presents several unique scientific sessions on hot topics and cutting-edge research at DDW 2017. A new distinguished feature for 2017 is the Josephine & Michael Camilleri MD Lecture that will be presented in an interactive clinical symposium on Sunday, May 7, 2017. The following are some highlights.

Research Fora

There are several ground-breaking and novel research fora in which cutting-edge science will be discussed. These include joint sessions co-sponsored by other sections. NGM introduces a novel feature comprising of state-of-the-art lectures at the end of each oral abstract session that aims to summarize and bring together the latest advances in the field by an international expert.

Saturday, May 6, 2017: On this day there are three research fora sessions, where several abstracts from three broad fields will be presented, each followed by state-of-the-art presentations:

“Novel Diagnostic Approaches and Treatment of Anorectal Dysmotility” followed by the State-of-Art Lecture Entitled: High Resolution and High Definition Anorectal Manometry: Usefulness, Limitations, When & Why: Jose Remes-Troche, MD, Mexico

“Advances in Diagnosis and Treatment of IBS” followed by the State-of-the-Art Lecture: What is New in Diagnosis and Treatment of IBS: Anthony Lembo, MD, USA

“Constipation and Colorectal Disorders” followed by the State-of-Art Lecture: Evolving Concepts in Colonic Manometry and Implications for Clinical Practice: Maura Corsetti, MD, PhD, UK.

Sunday, May 7, 2017: “Brain-Gut Axis” followed by the State-of-the-Art Lecture: Brain Gut Axis in Parkinson’s Disease. R. Alberto Travagl, PhD, USA.

Monday, May 8, 2017: “Gastroparesis: Symptoms, Pathophysiological Mechanisms and Implications for Treatment” followed by the State-of-the-Art Lecture: Gastroparetic Symptoms, Symptom Scores and Diagnostic Tests: What Do They tell and How Useful? William Hasler, MD, USA.
“Enteric Neurobiology: Cell and Molecular Biology” followed by
State-of-the-Art Lecture: Advances in ENS Regulation: James Galligan, PhD, USA
“Oropharyngeal and Esophageal Dysmotility” followed by
State-of-the-Art Lecture: Airway Protective Reflexes: What Are They, How to Measure and its Clinical Significance. Sudarshan Jadcherla, MD, USA
“IBS Pathophysiology: Cells, Barriers, Motility” followed by the State-of-the-Art Lecture: Evolving Concepts and New Directions in Understanding of IBS: Guy Boeckstaeens, MD, PhD, Belgium

**Tuesday, May 9, 2017:** “Functional Dyspepsia, Bile Salts, Eosinophils and Novel Treatments”
Explore novel mechanisms that cause functional dyspepsia including bile and eosinophils.

“Achalasia and Esophagogastric Junction Obstruction: Diagnosis and Treatment”
Learn the latest diagnostic techniques and tricks for identifying EGJ obstruction.

“Enteric Neurobiology: Pharmacology and Physiology” followed by the
State-of-the-Art Lecture: Recent Advances in Enteric Neurophysiology: Hamid Akbarali, PhD, USA.

“Sensory Neurobiology, Visceral Nociception and Neuroimmunology”
Discuss role of gut immune pathways in modulating GI sensory neural pathways.

“Small Bowel Dysmotility and Food Intolerance” followed by the
State-of-the-Art Lecture: Methane: Friend or Foe? Mark Pimentel, MD, USA

“New Frontiers in Sensory Neurobiology, Visceral Nociception and Neuroimmunology” followed by the State-of-the-Art Lecture: Novel Mediators and Pathways of Visceral Sensation: Pankaj J. Pasricha, MD, USA

**Distinguished Abstract Plenary**
On Sunday, May 7, 2017, do not miss the best and most outstanding research in the field that will be presented at this NGM distinguished plenary session. Attendees will be able to listen and deliberate the most significant advance from bench to translational to clinical neurogastroenterology and motility. In addition, they will see the presentation of the 2017 Research Mentor Award to Dr. Raj Kumar Goyal, MD, in the middle of this session.

**Symposia**
NGM presents several exiting and ground breaking symposia on the following topics: Food Intolerance, GERD, Motility Matters, Community Ecology and Human Microbiome, Pathogenesis of Dyspepsia and Serum Protons and Mast Cells in IBS.

**Saturday, May 6, 2017:** “Food Intolerance, Medicinal Foods, Diet Fads and Role of Nutritionist in Gas and Bloating and IBS.” In this hot topic symposia, international experts will critically examine the role of FODMAP diet in improving FBD; discuss the role of the nutritionist in the evaluation and management of patients with FBD.

**Sunday, May 7, 2017:** “Gastroesophageal Reflux Disease: Towards Consensus in Terminology and Testing.” Here the speaker will critically examine the diagnostic algorithms and strength of evidence on reflux testing; understand the use of latest reflux monitoring tools in GERD.

“Josephine and Michael Camilleri M.D. Lecture — Motility Matters 2017: An Interactive Forum to Debate What Progress the Field Has Made in the Treatment of GI Motility Disorders” Moderated by Satish Rao, MD, and will include an interactive debate forum with three sets of panelists and moderators, each discussing advances in treatment of esophageal, gastric and colorectal disorders and actively engaging the audience.

**Tuesday, May 9, 2017:** “Insights from Community Ecology and Novel Applications to Understanding the Human Microbiome.” Demonstrate how novel interdisciplinary approaches have advanced our understanding of the microbiome in GI health and disease.

“Intraluminal Factors in the Pathogenesis of Functional Bowel Disorders: Bile Salts, Mast Cells, Proteases, and Metabolomics.” Explore the link between serum proteases, mast cells, immunomediators and other biologically-relevant molecules in IBS and IBD.

**Poster Sessions**
The poster sessions remain extremely popular with attendees and will cover a wide range of cutting-edge topics and will also include poster tours by experts.

Sessions will be held every day from **Saturday, May 6 to Tuesday, May 9, 2017**, and will cover an array of topics.

**Saturday, May 6, 2017:** Topics covered will include the following: Anorectal Dysmotility; Esophageal Motility and Dysmotility; Oropharyngeal Dysmotility.

**Sunday, May 7, 2017:** Topics covered will include the following: Constipation and Other Functional Colonic Syndromes; Gastroparesis; Pediatric Functional & Motility Disorders; Small Bowel Motility & Food Intolerance.

**Monday, May 8, 2017:** Topics covered on this day will be the following: Irritable Bowel Syndrome: Clinical; Irritable Bowel Syndrome: Pathophysiology; Enteric Neurobiology: Pharmacology & Physiology; Sensory Neurobiology including Visceral Nociception/Pain and Neuroimmunology; The Microbiome-Gut-Brain Axis in Health and Disease.

**Tuesday, May 9, 2017:** Posters presented on this day will include the following: Brain-Gut Axis; Enteric Neurobiology: Cell and Molecular Biology; Functional Dyspepsia.

**Research Mentor Award**
Established in 2010, the Research Mentor Award recognizes an individual for his or her achievements as an outstanding mentor in a specific area of research.

The award will be presented to Raj Kumar Goyal, MD during Neurogastroenterology & Motility Distinguished Abstract Plenary, Sunday, May 7, 4:30-4:38 PM, S104
Obesity, Metabolism and Nutrition Section
Dennis D. Black, MD, AGAF and Sandeep Gupta, MD, FASGE

Introduction
In recent years, DDW programming by the Obesity, Metabolism and Nutrition (OMN) section has emphasized subject areas that have appealed to a majority of meeting attendees, especially those affiliated not only with the OMN section, but also other sections with which we share common interests, as reflected by our strong participation in cross-sectional programming. Our programming includes fora and symposia highlighting related topics, including bariatric surgery, GI neuroendocrinology and metabolism, new and innovative endoscopic and other treatments of obesity and diabetes, fatty liver disease, GI regulation of energy balance, weight and metabolic function, microbiota and metabolic regulation, and nutrition and metabolism across the life cycle. Nutritional support in all of its forms used in the management of a variety of diseases, including obesity, intestinal failure and inflammatory bowel disease, as well as nutrient absorption and metabolism, have also continued to be the focus of OMN programming. The OMN section has also endeavored to strike a balance between basic research to shed light on disease mechanisms, including pre-clinical studies to develop new therapies, and clinical and translational research to better describe disease phenotypes and test new therapeutic approaches.

Research Fora
For DDW 2017, the OMN section is sponsoring three Research Fora, each with a focused theme and encompassing basic and translational research. These include:

Saturday, May 6, 2017: "GI Disease and Nutrition Support: Basic and Clinical Studies." This session will present data on basic and clinical studies addressing the use of enteral and parenteral nutritional support, as well as pharmacotherapy, in GI diseases such as intestinal failure and IBD.

Sunday, May 7, 2017: "Obesity: Basic and Clinical Studies." This important session will focus on the topic of obesity and how preclinical and clinical studies are helping move forward our understanding of this epidemic. Basic pathophysiology and clinical features of human obesity and its complications, as well as mechanisms and effectiveness of therapeutic interventions, will be covered.

Monday, May 8, 2017: "New Bariatric Therapies for Obesity: Surgical and Non-Surgical." This session will highlight new and innovative bariatric therapies. The role of surgical and non-surgical bariatric procedures in obesity therapy, as well as their effectiveness, complications and limitations, will be covered. Dr. Steven A. Edmundowicz will provide an overview of the research presented at the end of the session.

Poster Sessions
OMN is sponsoring 10 poster sessions. The topics include the following:

1. "Intestinal Failure and Therapy: Basic and Clinical,“ Nutritional Support: Enteral and Parenteral, “Nutrient Absorption and Intestinal Epithelial Function"
2. "Vitamins and Micronutrients: Basic and Clinical,“ Obesity: Basic and Mechanistic Studies, "Obesity: Clinical and Epidemiological Studies, "New Therapies for Obesity: Pre-Clinical and Clinical," Surgical and Endoscopic Treatment of Obesity," Gut Microbial Regulation of Host Metabolic and Energy Homeostasis," Regulation of Food Intake, Energy Expenditure and Metabolic Function".

Symposia
Saturday, May 6, 2017: "Vitamin D and GI Disease." Vitamin D has multiple roles and effects. This session will cover the latest research linking vitamin D with common GI diseases. Speakers include: "Vitamin D and IBD" - Ashwin Ananthakrishnan; "Vitamin D and Colon Cancer" - John A. Baron; and "Vitamin D, IBD and the Gut Microbiome" - Jun Sun.

"Endobariatric Techniques: What’s New?" As the field of bariatric surgery moves forward, endoscopic therapies are being performed by gastroenterologists. This session will cover state-of-the-art endobariatric techniques. Speakers include:

- "Update on Intragastric Balloons" - Shelby A. Sullivan; "Intragastric Suturing and Plications" - Barham K. Abu Dayyeh; "What’s New in Small Bowel Therapies?" - Christopher C. Thompson; and "Aspiration Therapy: How to Manage Patients" - Steven A. Edmundowicz.

Monday, May 8, 2017: "Fad Diets: Are You Up-To-Date?" Learn the latest about fad diets, nutritional supplements and nutraceuticals – used so often by our patients! This session covers topics every gastroenterologist needs to know. Speakers include: "The Gluten-Free Diet: Recognizing Fact, Fiction, and Fad" - Norelle R. Reilly; "Protein in Weight-Loss Diets: Should I Get High On It?" - Samuel Klein; and "Dietary Supplements and Nutraceuticals in GI Disease: What Works?" - Gerard E. Mullin.

"Hot Topics in Mom and Baby Nutrition" It all starts in the womb! Experts cover topics related to nutritional issues in mothers and offspring. Speakers include: "Infant Diet and Risk for Later Allergic Disease" - Jay Lieberman; "Maternal Weight and Infant Metabolic Risk: Epigenetics and Imprinting" - Robert Waterland; and "Managing Nutrition in Your Pregnant Patient With Dietary Intolerances and GI Disease."

Tuesday, May 9, 2017: "Hot Topics in Parenteral Nutrition" Parenteral nutrition is central to the practice of gastroenterology and nutrition. This session will present the latest information on current topics. Speakers include: "The Infected Line: State-of-the-Art Prevention and Treatment" - Catherine Grill; "Lipid Emulsions and Intestinal Failure-Associated Liver Disease" - Ronald J. Sokol; and "How to Anticipate and Manage Parenteral Nutrition Additive Shortages" - Michael Christensen.
State of the Art

Sunday May 7, 2017: “Bariatric “Sans” Surgery? Can Changes in Physiology from Bariatric Surgery Inform Treatment of Obesity and Diabetes Without the Surgery?”

There is increasing information that the benefits of bariatric procedures go beyond the surgery itself. Mimicking these physiological changes may provide an alternative therapeutic approach to obesity and diabetes.

“Changes in GI Hormones and Metabolic Physiology After Bariatric Surgery” - Karen Ryan
“Therapies for Obesity and Diabetes That Mimic Bariatric Surgery” - Naji N. Abumrad

At the beginning of this session, the OMN Research Mentor of the Year Award will be presented to Dr. David Alpers, Washington University School of Medicine.

Research Mentor Award

Established in 2010, the Research Mentor Award recognizes an individual for his or her achievements as an outstanding mentor in a specific area of research.

The award will be presented to David H. Alpers, MD, AGAF during Bariatric “Sans” Surgery? Can Changes in Physiology from Bariatric Surgery Inform Treatment of Obesity and Diabetes Without the Surgery? Sunday, May 7, 2-3:30 p.m., 2:00-2:06 PM, S104

Pancreatic Disorders Section

Santhi Swaroop Vege, MD, AGAF, FACP, FACP and Steven D. Freedman, MD, PhD,

Introduction

The Pancreatic Disorders (PAN) Section is dedicated to presenting the most up-to-date clinical and basic science information to as many dedicated members as possible. It provides an all-inclusive group of experts as speakers, who are whetted out by a large number of stakeholders and peer reviewed on the best platform in the world.

Members will be heard on this platform for their needs, views and aspirations.

The section has made significant strides in the last two years by increasing the abstract submission by roughly 30 percent and by increasing membership and international participation. This was done through a broad inclusion of numerous colleagues in a variety of roles, including serving as poster judges serving on poster rounds and as advisory councillors. The section has continued to focus on translational sessions (highly popular clinical topics with cutting-edge basic science counterparts) to increase basic science membership and participation.

The creation of NIH-focused themes and participation from NIH speakers will help lead to in more NIH funding for pancreatic diseases. The best clinical and basic science research and symposia should be in the AGA Pancreatic Disorders section. Additionally, the section should include the best junior and senior GI talent in the word.

Research Fora

Saturday, May 6, 2017: “Basic Science and Research in Pancreatic Disorders”
Sunday, May 7, 2017: “Clinical Acute Pancreatitis”
Monday, May 8, 2017: “Clinical Chronic Pancreatitis” and “Pancreas Cysts, IPMN and NET”
Tuesday, May 9, 2017: “Pancreatic Cancer: Risk Factors, Biomarkers and Diagnosis”

Poster Sessions

PAN is sponsoring 14 poster sessions. The topics include the following: “Pancreatic Cancer, and Endoscopy, Imaging and Acute Pancreatitis,” “Clinical Acute Pancreatitis,” “Pancreas Cysts, IPMN,CP,” and “Pancreatitis: Inflammation, Fibrogenesis, Immunology and Genetics.”

Symposia

Saturday, May 6, 2017: “Chronic Pancreatitis, Diabetes and Pancreatic Cancer NIH Consortium” and “Post ERCP Pancreatitis”
Sunday, May 7, 2017: “New Horizons in Cystic Fibrosis Related GI Diseases” and “Alcohol, a Wonderful Elixir! Benefits, and Effects on Pancreas and Liver”
Monday, May 8, 2017: “Total Pancreatectomy and Auto Islet Transplantation”

Research Mentor Award

Established in 2010, the Research Mentor Award recognizes an individual for his or her achievements as an outstanding mentor in a specific area of research.

The award will be presented to Peter A. Banks, MD during Clinical Acute Pancreatitis, Sunday, May 7, 10-11:30 a.m., 10:00-10:06 AM, S106

© 2017 The Authors. Published by Elsevier Inc. on behalf of the AGA Institute. This is an open access article under the CC BY-NC-ND license [http://creativecommons.org/licenses/by-nc-nd/4.0/].
http://dx.doi.org/10.1016/j.jcmgh.2017.03.008