



American Neurogastroenterology and Motility Society 2021 ANMS Annual Meeting

Clinical Course

Providing the best clinical care for our patients
August 13, 2021

Scientific Program

Advancing patient care through cutting-edge research
August 13 (6 pm) – August 15, 2021

Young Investigator Forum

Developing our future researchers in neurogastroenterology and motility
August 13 – 14, 2021

Abstract Deadline: March 5, 2021

Westin Boston Waterfront
Boston, Massachusetts



Clinical Course • Providing the best clinical care for our patients

Thursday, August 12, 2021

4:00–6:00 pm	Registration
4:00–6:00 pm	Exhibitor Setup

Friday, August 13, 2021

7:00 am–5:30 pm	Registration
7:00–7:50 am	Breakfast • Visit Exhibits
7:50–8:00 am	Welcome • Introduction • John Pandolfino, Braden Kuo, Walter Chan
8:00–9:20 am	What's New in the Treatment of Esophageal Disorders
8:00–8:20 am	Pediatric and Adult Perspective Extracervical GERD/LPR: Hacking up a sensible approach includes 4-minute Q & A <i>Rachel Rosen and Wai-Kit Lo</i>
8:20–8:35 am	Role of provocative testing and solid/viscous swallows during manometry <i>Reena Chokshi</i>
8:35–9:05 am	Point • Counterpoint Incorporating EndoFLIP as routine assessment of esophageal disorders includes 4-minute Q & A <i>Prakash Gyawali and Marcelo Vela</i>
9:05–9:20 am	Approach to EGJOO and spastic disorders <i>Sravanya Gavini</i>
9:20–10:20 am	Gastric and Small Bowel: Bridging the Gap
9:20–9:40 am	Point • Counterpoint Functional dyspepsia versus gastroparesis: Identical or different beasts? includes 2-minute Q & A <i>Linda Nguyen and David Kunkel</i>
9:40–10:00 am	Pediatric and Adult Perspective Gastric and small bowel motility testing: What are the options and is it necessary? includes 4-minute Q & A <i>Samuel Nurko and Braden Kuo</i>

program continued

Friday, August 13, 2021 continued

9:20 am–10:20 pm	Gastric and Small Bowel: Bridging the Gap continued
10:00–10:20 am	Gastroparesis therapy development pipeline: Are we optimistic or doomed to fail? <i>Jay Pasricha</i>
10:20–10:40 pm	Break • Visit Exhibits
10:40 am–12:30 pm	Bridging the Gap: Pediatric to Adult
10:40–11:00 am	Pediatric and Adult Perspective Cyclic vomiting syndrome: Pediatric versus adult includes 4-minute Q & A <i>Desale Yacob and Thangam Venkatesan</i>
11:00–11:20 am	Developmental considerations for psychogastroenterology integration – Kids are not just mini adults <i>Bradley Jerson</i>
11:20–11:40 am	Avoidant restrictive food intake disorder (ARFID) and eating disorders <i>Jennifer Thomas</i>
11:40 am–12:00 pm	RN and APP Perspective Building a support system around the GI motility patient: The role of the triage RN and APP includes 4-minute Q & A <i>Maria Grifone and Andrea Thurler</i>
12:00–12:20 pm	Psychological interventions in functional GI disease <i>Helen Burton-Murray</i>
12:20–1:30 pm	Lunch • Visit Exhibits
1:30–2:30 pm	ANMS Invited Lecture TBA
2:30–4:10 pm	The Colon – Where do we go from here?
2:30–2:50 pm	Anorectal manometry and pelvic floor testing in a clinical practice, essential tools in the management of constipation and fecal incontinence? <i>Amol Sharma</i>
2:50–3:10 pm	Constipation pharmacotherapy <i>Judy Nee</i>
3:10–3:30 pm	Point • Counterpoint IBS-C vs CIC should I test or treat differently? includes 2-minute Q & A <i>Baha Moshiree and Greg Sayuk</i>
3:30–3:50 pm	Break • Visit Exhibits
3:50–4:30 pm	Clinical Research: Factors to Consider in Trial Design
3:50–4:10 pm	From bench to bedside: How to translate motility innovations to clinical care? <i>Eric Shah</i>
4:10–4:30 pm	State-of-the-Art Lecture The power of placebo <i>Anthony Lembo</i>
4:30–6:00 pm	Women in Neurogastroenterology

program continued

Scientific Program • Advancing patient care through cutting-edge research

Friday, August 13, 2021

7:00 am–5:00 pm	Registration
6:00–8:00 pm	Welcome Reception • Poster Session

Saturday, August 14, 2021

7:00 am–5:00 pm	Registration
7:00–7:50 am	Breakfast • Visit Exhibits
7:50–8:00 am	Welcome • <i>John Pandolfino</i>

8:00–9:00 am	Distinguished Investigator Award for Woman in Neurogastroenterology TBA
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9:00–10:30 am	Session 1 Basic Advances Making an Impact in Understanding GI Pathophysiology
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9:00–9:20 am	Gastroparesis omics <i>Madhu Grover</i>
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9:20–9:40 am	Parkinson's disease and its GI effects and new treatments from top to bottom <i>William Hasler</i>
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9:40–10:00 am	Microbiome in IBS and visceral hypersensitivity <i>David Reed</i>
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10:00–10:15 am	Abstract Speaker 1
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10:15–10:30 am	Abstract Speaker 2
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10:30–11:00 am	Break • Visit Exhibits
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10:00 am–12:00 pm Parallel Session	Allied Health Professionals • Parallel Session GI Physiology Laboratory and Testing
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10:00–10:20 am	Esophageal manometry: Interpretation and pitfalls <i>Barbara Brien</i>
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10:20–10:40 am	Anorectal manometry: Interpretation and pitfalls <i>Amy Guadagnoli</i>
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10:40–11:00 am	Discussion
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11:00–10:20 am	Minor variations: A primary on pediatric motility testing <i>Claire Zar-Kessler</i>
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11:20–11:40 am	Breath testing: Preparation, performance, and interpretation <i>Jason Baker</i>
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11:40 am–12:00 pm	Discussion
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11:00 am–12:30 pm Parallel Sessions	Parallel Session 1 Does the Model Matter? Insights into ENS Development using Different Animal Models	Parallel Session 2 Beyond the Gut in Functional GI Disorders
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11:00–11:20 am	ENS development in zebrafish <i>Julia Ganz</i>	FGIDs, autonomic dysfunction, and EDS: What's the connection? <i>Miguel Saps</i>
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program continued

Saturday, August 14, 2021 continued

11:20–11:40 am	ENS development in mice; focus on aganglionosis <i>Allan Goldstein</i>	Electroceutical therapy: What's the latest? <i>Katja Kovacic</i>
11:40 am–12:00 pm	Stem cell translational treatment <i>Allan Burns</i>	iVirtual reality for pain: What's the science behind it? <i>Brennan Spiegel</i>
12:00–12:15 pm	Abstract speaker 1	Abstract speaker 1
12:15–12:30 pm	Abstract speaker 2	Abstract speaker 2
12:30–2:00 pm	Lunch • Poster Session	
2:00–3:30 pm Parallel Sessions	Parallel Session 3 Enteric Neural Neuroimmune Signaling	Parallel Session 4 Latest Innovations in Esophageal Physiology Testing and Treatment
2:00–2:20 pm	Role of mast cells in early-life stress-related GI dysfunction <i>TBA</i>	The role of ICC in the esophagus: Is there an esophageal pacemaker? <i>Kenton Sanders</i>
2:20–2:40 pm	Mechanisms neuroimmune cross talk <i>Milena Bogunovic</i>	How does foregut surgery alter peristalsis and LES function? <i>Walter Chan</i>
2:40–3:00 pm	Role of gut-innervating nociceptor sensory neurons in enteric infections <i>TBA</i>	Using mathematics and mechanics to study esophageal function: Using in-silico models <i>Dustin Carlson</i>
3:00–3:15 pm	Abstract speaker 1	Abstract speaker 1
3:15–3:30 pm	Abstract speaker 2	Abstract speaker 2
3:30–4:00 pm	Break • Visit Exhibits	Break • Visit Exhibits
4:00–5:45 pm Parallel Sessions	Parallel Session 5 Nonneuronal Cells in Enteric Reflexes	Parallel Session 6 Genetic Diseases Causing GI Dysmotility
4:00–4:25 pm	Role of enteric glia in colonic motility <i>Brian Gulbransen</i>	Intestinal dysmotility in zebrafish models of ASD <i>Julia Dallman</i>
4:25–4:50 pm	Role of macrophages in delayed gastric emptying <i>Gianluca Cipriani</i>	Microbiome–gut–brain axis links in ASD and its genetic variants <i>Kara Margolis</i>
4:50–5:15 pm	Role of ICCs and PDGFalpha cells in the regulation of neuromuscular transmission in the internal anal sphincter <i>Caroline Cobine</i>	Cystic fibrosis and other CFTR channelopathies' impact on gut function crisis: Microbiome and opioid tolerance <i>Arthur Beyder</i>
5:15–5:30 pm	Abstract speaker 1	Abstract speaker 1
5:30–5:45 pm	Abstract speaker 2	Abstract speaker 2

Parallel Theme Symposia • TBA • 6:00–8:00 pm

program continued

Sunday, August 15, 2021

7:00–10:00 am	Registration
7:00–8:00 am	Breakfast • Visit Exhibits
8:00–9:00 am	W. Jerry Dodds, MD and Sushil K. Sarna, PhD Lectureship IBS-From Crib to Adulthood <i>Lin Chang</i>
9:00–10:00 am	Young Investigator Forum • Participants will present 4-minute sound bites
10:00–10:30 am	Break • Visit Exhibits
10:30 am–12:00 pm	ANMS Distinguished Lectures
10:30–11:00 am	30 years in neurogastroenterology: Lessons learned <i>Carlo Di Lorenzo</i>
11:00–11:30 am	Central nervous system plasticity in experimental models of stress-induced visceral pain <i>Beverley Greenwood-Van Meerveld</i>
11:30 am–12:00 pm	The role of the brain–gut axis in inflammatory bowel disease <i>Keith Sharkey</i>
12:00 pm	Adjourn



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