



ESNM

European Society
of Neurogastroenterology
& Motility



Scientific Programme & General Information

NeuroGASTRO 2025

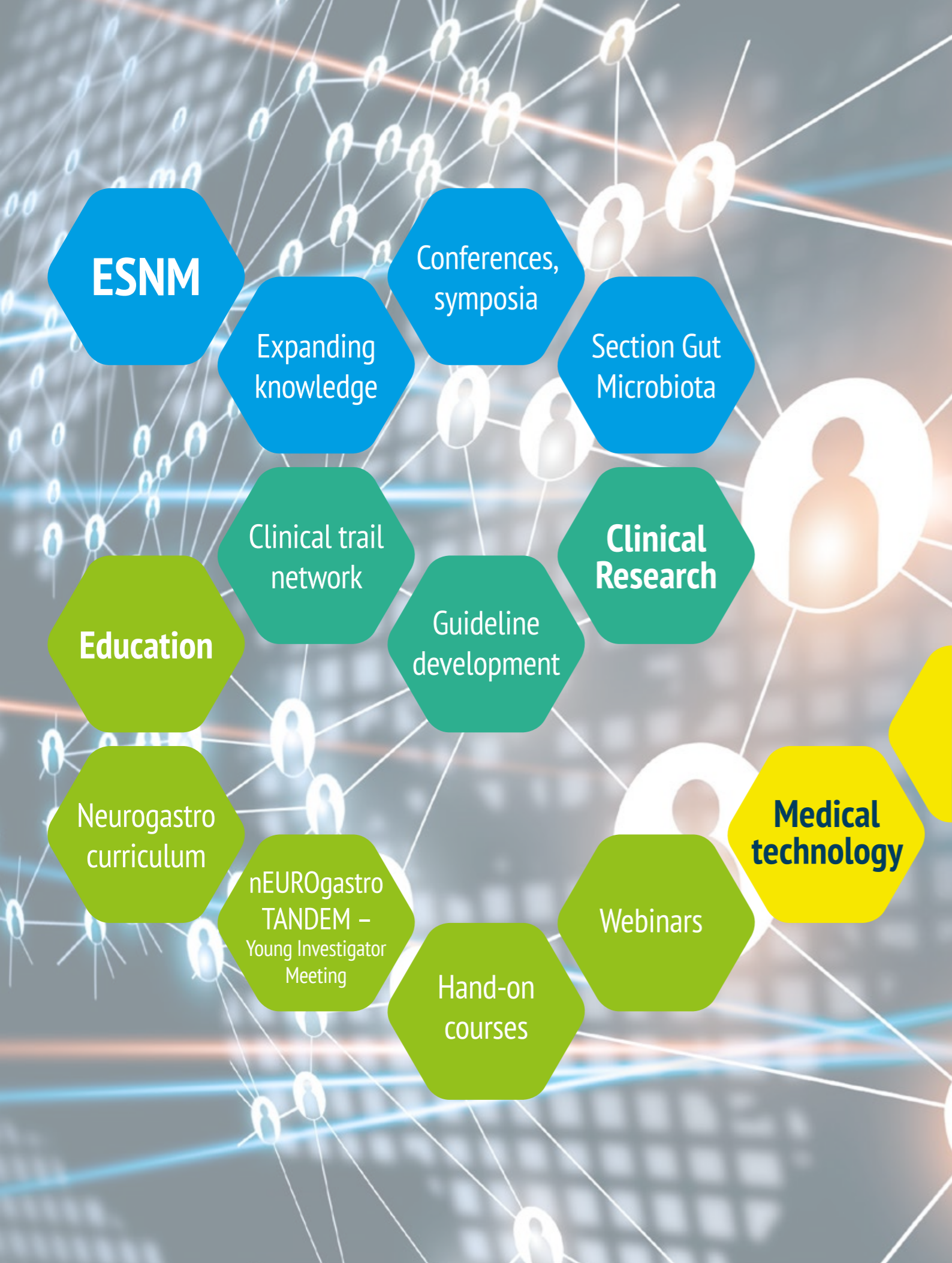
Advancing understanding and management
in Neurogastroenterology and Motility

September 4-6, 2025

London, United Kingdom,
Queen Mary University



 www.neurogastro2025.org



Frank Zerbib
President



Daniel Pohl
Treasurer



Qasim Aziz
Past President
& Conference President



Gerard Clarke
Chair Scientific
Committee

INVITATION TO NEUROGASTRO 2025

We are delighted to invite you to the ESNM biennial conference NeuroGASTRO 2025, which will take place in London, UK at Queen Mary University, from September 4th to 6th, 2025. The NeuroGASTRO conference is the premier forum for researchers and clinicians alike to present their original publications, studies and state-of-the-art findings in the field of Neuro-gastroenterology and Motility.

Invited lectures by leading experts will provide essential updates in this rapidly advancing field. The programme will include a wide array of topics such as brain-gut interactions in health and disease, pain mechanisms, current and future therapeutics, and food intolerance. Diet-based options for the management of gastrointestinal disorders and beyond including prebiotics, probiotics, synbiotics and postbiotics will also be on the agenda.

There will be sessions and symposia on the gut microbiota, gut-brain axis, nutrition, eosinophilic esophagitis, gastroparesis, women's health and sex differences, and the pathophysiology and clinical management of gastrointestinal and neurological disorders.

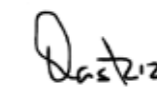
As always, a particular focus will be placed on engagement with young investigators and trainees during specific symposia for these future stars in this field.



Frank Zerbib
President



Daniel Pohl
Treasurer



Qasim Aziz
Past President &
Conference President



Gerard Clarke
Chair Scientific Committee

COMMITTEES AND ORGANISERS

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Gerard Clarke Chair Scientific Committee (Cork, Ireland)

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Mark Scott Co- Chair Local Organising Committee (London, United Kingdom)

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Simon Lal (Manchester, United Kingdom) **Madusha Peiris** (London, United Kingdom)
Gareth Sanger (London, United Kingdom)

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Maura Corsetti Co-Chair Scientific Committee (Nottingham, United Kingdom)
Qasim Aziz Conference President NGM 2025 (London, United Kingdom)

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Magnus Simren (Gothenburg, Sweden) **René Van den Wijngaard** (Amsterdam, Netherlands)
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Michel Neunlist (Paris, France) **Daniel Pohl** (Zürich, Switzerland)
Edoardo Savarino (Padua, Italy) **Jordi Serra** (Barcelona, Spain)
Frank Zerbib (Bordeaux, France)

YOUNG INVESTIGATOR AWARDS

One of the goals of the European Society of Neurogastroenterology & Motility is to broaden the network of Neurogastroenterology & Motility and to support colleagues in their (inter)national research projects. Therefore, ESNM encourages the participation of its young members in the NeuroGASTRO 2025 Conference, as well as the presentation of their research work. The ESNM Young Investigator Awards facilitate young clinicians and investigators from all over the world to present an abstract during the NeuroGASTRO 2025.

To make this happen ESNM awards EUR 500, as well as waiving the registration fee for the NeuroGASTRO 2025 conference, for outstanding research by young scientist members contributing to the meeting.

BEST ABSTRACT AWARDS

There will also be prizes for the best Basic, Translational and Clinical Abstracts, where authors selected based on the high quality of their abstracts will be given the opportunity to deliver their paper at one of the plenary sessions. All awardees will receive a certificate.

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SCIENTIFIC INFORMATION

The scientific programme is structured according to days, time and rooms.

POSTGRADUATE COURSE

The Postgraduate Course is based on the latest advances in Clinical Measurement and Management of GI Motility & Function and will provide an essential update on the clinical aspects of Neurogastroenterology and Motility. During this half-day course renowned experts will provide practice-oriented comprehensive overviews, covering pathophysiology, diagnosis and treatment of GI motility and functional disorders.

PLENARY SESSIONS

There are two plenary sessions, in the first and second days of the meeting. The invited lectures in these sessions last 22 minutes, including discussion. In addition, one or two top-ranked abstracts that fit in the theme of the session will be presented orally. The time allotted for Abstract oral presentations is 15 minutes, including questions.

PARALLEL SYMPOSIA

There are three simultaneous, parallel symposia. Parallel sessions last 90 minutes and comprise invited lectures (22 minutes) and selected abstract presentations (15 minutes each).

EACCME® ACCREDITATION

The Neurogastro 2025 - Biennial Meeting of the European Society of Neurogastroenterology and Motility, London, United Kingdom 04/09/2025 - 06/09/2025, has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 17.0 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at <https://edhub.ama-assn.org/pages/applications>.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

Information regarding the conversion of EACCME® credits

Credit will be converted based on one (1) hour of participation equalling one credit for all activities. Physicians wishing to convert EACCME® credits to AMA PRA Category 1 Credit™ will be required to access the AMA website at <https://edhub.ama-assn.org/pages/applications> to obtain the necessary paperwork and instructions. Physicians and other health care professionals will be required to pay a processing fee to the AMA.



For other countries, please contact the relevant national/regional accreditation authority.

HOSTING SOCIETY

The event is endorsed by BSG. Please note that BSG members will be eligible for a reimbursement of 30% of the registration fee upon presenting a certificate (to be sent to m.gorgoglione@planning.it) confirming your active membership.

HANDS ON COURSE

The hands-on session offers the opportunity to understand the clinical rationale for performing high-resolution oesophageal manometry, impedance-pH studies and high-resolution anorectal manometry, and to appreciate analysis and interpretation of recordings. Participants will have the chance to interact with dedicated international experts, discuss real-time tips and pitfalls of data acquisition and interpretation, and will be able to rate/classify the results of such studies according to the latest classification systems.

POSTER SESSIONS

Accepted Posters will be exhibited during NeuroGastro 2025 and will be grouped into areas of research. The poster exhibition offers an ideal forum for the exchange of information and a platform to communicate ideas, research, and programmes. Posters of distinction will be displayed during all 3 days of the Meeting.

INDUSTRY SPONSORED SESSIONS

The industry sponsored sessions are organised by the industry in consultation with the Scientific Committee. The programme of the industry sponsored sessions is not affiliated with ESNM. According to CME guidelines the detail of each Industry Symposium will be indicated in the final and separate section of the programme.

EACCME® CREDITS CERTIFICATE

Each participant can only receive the number of credits he/she is entitled to according to his/her actual participation at the event once he/she has completed the feedback form. Cf. criteria 22 of UEMS 2023.07. Please find below the breakdown of ECMEC®s per day:

Date	Credit
04/09/2025	6.5
05/09/2025	6.0
06/09/2025	4.5

The EACCME® awards ECMEC®s on the basis of 0,5 ECMEC® for 30 minutes of CME with a maximum of 8 ECMEC®s per day. cf. Chapter XIII of UEMS 2023.07.

A certificate will be issued the last day of the event at the Secretariat desk.

CPD ACCREDITATION

The Neurogastro 2025 - Biennial Meeting of the European Society of Neurogastroenterology and Motility' (code: 152382) has been approved for 24 credits.

CPD certificates can be requested at the end of the event at the Secretariat desk after completing a questionnaire.

MEDTECH EUROPE CODE OF ETHICAL BUSINESS PRACTICE

This event is compliant with the MedTech Europe Code of Ethical Business Practice. Decision posted on www.ethicalmedtech.eu



Its overall status can be verified at <https://cvs.solutions.iqvia.com/events>.
Event no. EMT-25-04343

Scientific Programme Overview **NeuroGASTRO 2025**

Thursday, September 4, 2025			
Room	Great Hall	Skeele	Peston
Time			
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*Graduate center and Courtyard

Scientific Programme Overview **NeuroGASTRO 2025**

Friday, September 5, 2025			
Room	Great Hall	Skeele	Peston
Time			
07.30			
07.45			
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*Lincoln's Inn Fields, London WC2A 3TL, Ticket only

Scientific Programme Overview **NeuroGASTRO 2025**

	Saturday, September 6, 2025			
Room	Great Hall	Skeele	Peston	Wingate Institute
Time				
07.30				
07.45				
08.00		UEG/ESNM GUIDELINES FOR DYSPHAGIA		
08.15				
08.30				
08.45				
09.00	SYMPOSIUM 13 Rome Foundation Symposium		SYMPOSIUM 14 What is new in the Diagnosis and Treatment of Upper and Lower GI disorders II	SYMPOSIUM 15 Gut Microbiome and gut-brain disorders
09.15				
09.30				
09.45				
10.00				
10.15	COFFEE BREAK & POSTER VIEWING			
10.30				
10.45				
11.00	SYMPOSIUM 16 Chronic gastrointestinal dysfunction in systemic disorders and beyond	SYMPOSIUM 17 Joint ESNM/BDA Symposium - The Role of Diet in Neurogastroenterology and Motility	SYMPOSIUM 18 Controversies in Neurogastroenterology and Motility (TANDEM Talks)	
11.15				
11.30				
11.45				
12.00				
12.15				
12.30				HANDS-ON MANOMETRY TRAINING COURSE <i>(afternoon session – lower GI)</i> Venue: Wingate Institute 26 Ashfield Street, Whitechapel, London E1 2AJ
12.45	INDUSTRY SYMPOSIUM	LUNCH & POSTER VIEWING		
13.00				
13.15	POSTER SESSION (OCTAGON & COLETTE BOWE)			
13.30				
13.45				
14.00	SYMPOSIUM 19 Joint ESNM/ISAPP Symposium – Is Gut Health a meaningful concept in neurogastroenterology?	SYMPOSIUM 20 New Technologies, Machine Learning and AI	SYMPOSIUM 21 How can we optimise care for our patients?	
14.15				
14.30				
14.45				
15.00				
15.15				
15.30	CLOSING CEREMONY & ABSTRACT AWARDS			
15.45				
16.00				

THURSDAY, SEPTEMBER 04, 2025

08.30 – 10.30	POSTGRADUATE COURSE - SESSION 1	PESTON ROOM
	ADVANCES IN CLINICAL MEASUREMENT AND MANAGEMENT OF GI MOTILITY & FUNCTION (Chairs: Asma Fikree, Chloé Melchior)	
08.30 – 09.00	Functional abdominal bloating and distension (Fernando Azpiroz)	
09.00 – 09.30	Chronic nausea vomiting syndrome (Gehanjali Amarasinghe)	
09.30 – 10.00	Faecal incontinence (Ugo Grossi)	
10.00 – 10.30	Oesophageal endoscopic interventions in neurogastro (Rami Sweis)	
10.30 – 11.00	Coffee Break	
11.00 – 12.30	POSTGRADUATE COURSE - SESSION 2	PESTON ROOM
	ADVANCES IN CLINICAL MEASUREMENT AND MANAGEMENT OF GI MOTILITY & FUNCTION (Chairs: Asma Fikree, Chloé Melchior)	
11.00 – 11.30	Refractory GERD (Frank Zerbib)	
11.30 – 12.00	Neuromodulators and pain in DGBI (Hans Törnblom)	
12.00 – 12.30	The 'brain' in disorders of gut brain interaction (Sigrid Elsenbruch)	
12.30 – 14.00	Poster Viewing	
12.45 – 13.20	INDUSTRY SYMPOSIUM	GREAT HALL
13.15 – 14.00	Poster Session	OCTAGON & COLETTE BOWE
14.00 – 15.30	PLENARY SESSION 1	GREAT HALL
	(Chairs: Frank Zerbib, Daniel Pohl, Qasim Aziz, Gerard Clarke)	
14.00 – 14.15	Welcome address (Frank Zerbib, Daniel Pohl, Qasim Aziz, Gerard Clarke)	
14.15 – 14.20	Professor Mary Collins – Director of the Blizard Institute	
14.20 – 14.25	Professor Sir Mark Caulfield – Vice Principal for Health and Dean of the medical school	
14.30 – 14.52	Nutrition, the Gut Microbiome and the Future of Healthcare: Time to Make it Personal (Sarah Berry)	
14.52 – 15.07	Liquid Nutrient Drink Testing Induces Gastric Dysrhythmias that Correlate with Dyspeptic Symptoms (Christopher Andrews)	
15.07 – 15.17	Lifetime achievement award - Laudatum (Jordi Serra)	
15.17 – 15.30	Lifetime achievement awardee talk (Fernando Azpiroz)	
15.30 – 16.00	Coffee Break and Poster Viewing	OCTAGON & COLETTE BOWE
16.00 – 17.30	SYMPOSIA 1 / 2 / 3	
SYMPOSIUM 1	NAUSEA – PATHWAYS FOR PROGRESS (Chairs: Carolina Malagelada, Paul L.R. Andrews)	GREAT HALL
16.00 – 16.22	The UEG guidelines for nausea and vomiting (Carolina Malagelada)	
16.22 – 16.44	Towards the perfect anti-emetic: what have we learned from the pharmacological treatment of vomiting and nausea? (Gareth Sanger)	
16.44 – 17.06	How does gastric electrical stimulation influence nausea? (Kenneth L. Koch)	
17.06 – 17.28	GLP-1, nausea and weight loss: are common mechanisms involved? (John Anthony Rudd)	
SYMPOSIUM 2	SEX DIFFERENCES IN NEUROGASTROENTEROLOGY AND MOTILITY (Chairs: Serhat Bor, Madusha Peiris)	SKEELE
16.00 – 16.22	Sex- and gender-related differences in the epidemiology and symptoms of disorders of gut-brain interaction (Agata Mulak)	
16.22 – 16.44	Role of sex hormones in the modulation of gastrointestinal function (Leslie Houghton)	

16.44 – 16.59	Gender-dependent central and gut dysfunction in cuprizone-induced demyelination model (Sofia Faggin)	
16.59 – 17.14	The Prevalence and Burden of Disorders of Gut-Brain Interaction (DGBI) before versus after the COVID-19 Pandemic (Imran Aziz)	
17.14 – 17.29	Experience Sampling Method unravels dynamic triggers of abdominal pain in irritable bowel syndrome – results from a Multicenter European Study (Bosman Michelle)	

SYMPOSIUM 3	SPOTLIGHT ON THE ENTERIC NERVOUS SYSTEM AND NEUROIMMUNE DYSFUNCTION (Chairs: Christina Brock, Giovanni Marasco)	PESTON
16.00 – 16.22	Proteinopathies of the enteric nervous system (Michel Neunlist)	
16.22 – 16.44	Genetic mechanisms leading to enteric neuropathies (Elena Bonora)	
16.44 – 17.06	Cannabinoid and opioid systems in visceral sensation and pain modulation (Raquel Abalo)	
17.06 – 17.28	Neuroimmune interactions in disorders of gut-brain interaction (Tim Vanuytsel)	

18.00 – 19.30	WELCOME RECEPTION	GRADUATE CENTER & COURTYARD
18.00 – 18.05	Welcome Reception Introduction (Frank Zerbib, Qasim Aziz)	
18.05 – 19.30	Welcome Reception	

FRIDAY, SEPTEMBER 05, 2025

08.00 – 09.00	INDUSTRY SYMPOSIUM	SKEELE
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07.30 – 09.00	BREAKFAST SYMPOSIA: ASCONA WORKING GROUP: DIAGNOSTIC TESTING OF GASTROINTESTINAL FUNCTION - STATE OF ART 2025	PESTON
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	(Chairs: Asma Fikree, Jan Martinek)	
07.30 – 07.35	Introduction to the Ascona Working Group (Asma Fikree)	
07.35 – 07.45	Challenge: Variation in Gastrointestinal Testing (Sebastien Kindt)	
07.45 – 08.00	How the stomach works: insights from barostat, manometry and imaging (Carolina Malagelada)	
08.00 – 08.15	How the stomach feels: insights from physiological tests and neural imaging (Asbjørn Drewes)	
08.15 – 08.40	Debate: Tests of gastric emptying are essential for diagnosis and guiding treatment (FOR: Jutta Keller AGAINST: Tim Vanyutssel)	
08.40 – 09.00	Moderated Discussion: Putting it all together: can we classify the causes of dyspeptic symptoms? (Mark Fox)	

09.00 – 10.30	PLENARY SESSION 2	GREAT HALL
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	(Chairs: Daniel Pohl, Maura Corsetti)	
09.00 – 09.22	Irritable bowel syndrome, somatic and mental health comorbidity: Enhanced Understanding Through DISCOVERIE (Javier Santos)	
09.22 – 09.44	Proteases in gut physiology, pathophysiology and treatment: Can Old Dogs Learn New Tricks? (Nathalie Vergnolle)	
09.44 – 09.59	Complex innervated intestinal organoids from mice and human: a promising model for studying gastrointestinal diseases linked to neurodegeneration (Saha Tultul)	
09.59 – 10.14	Microbiota-derived lysophosphatidylcholine (LPC) and lysophosphatidic acid (LPA) drive visceral hypersensitivity through transient receptor potential canonical 5 and lysophosphatidic acid receptor 1 and 3 pathways (Julien Pujo)	
10.14 – 10.29	The Mediterranean Diet for Irritable Bowel Syndrome (Imran Aziz)	
10.30 – 11.00	Coffee Break and Poster Viewing	OCTAGON & COLETTE BOWE

11.00 – 12.30	SYMPOSIA 4 / 5 / 6	
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SYMPOSIUM 4	GUT MICROBIOTA FOR HEALTH (Chairs: Giovanni Barbara, Mireia Valles Colomer)	GREAT HALL
11.00 – 11.22	Gut microbiota succession in infant physiological development: priming for gut and brain health (Cristina Campoy)	
11.22 – 11.44	Factors Shaping the Gut Microbiome in Health and Disease: Focus on Diagnostic and Therapeutic Opportunities (Aonghus Lavelle)	
11.44 – 12.06	Gut Microbiome and ageing: should we turn back the clock (Simone Guglielmetti)	
12.06 – 12.28	Host-Microbiome Interactions in Child Undernutrition (Ruari Robertson)	

SYMPOSIUM 5	SHAPING OUR FUTURE: LEARNING FROM THE BEST RESEARCH PAPERS PUBLISHED IN THE NEUROGASTROENTEROLOGY AND MOTILITY JOURNAL 2024 AND EARLY CAREER RESEARCHER HIGHLIGHTS (Chairs: Kristen Elfers, Chloé Melchior)	SKEELE
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11.00 – 11.10	Best basic science – Decreases in mucosally-evoked tachykinin signaling pathways can explain age-related reductions in murine colonic motility patterns (Mark Yeoman)	
11.10 – 11.20	Best clinical paper – Diagnostic classification systems for disorders of gut-brain interaction should include psychological symptoms (Mike Jones)	
11.20 – 11.30	Best Translational paper – Mechanisms involved in the muscle relaxing effects of STW 5 in guinea pig stomach (Anita Annahazi)	
11.30 – 11.42	The impact of social media activities in shaping Neurogastroenterology & Motility metrics (Rajan Singh)	
11.42 – 11.54	Best of little brain big brain (LBBB) (Friederike Uhlig)	
11.54 – 12.06	Update from TANDEM winning project 2023 (Lukas Balsiger, Ariadna Aguilar Cyuelas)	
12.06 – 12.18	Winner TANDEM 2025	
12.18 – 12.30	Introduction to young ESNM (yESNM) (Giovanni Marasco)	

SYMPOSIUM 6	JOINT ESNM/BSPGHAN SYMPOSIUM ON PEDIATRIC MOTILITY (Chairs: Mutalib Mohamed, Natalia Zarate-Lopez)	PESTON
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11.00 – 11.22	Gastrointestinal Dystonia, a new motility disorder in children with severe neurodisability (Andrew Barclay)	
11.22 – 11.44	EndoFLIP in paediatric foregut assessment (Mutalib Mohamed)	
11.44 – 12.06	Time to consider esophageal atresia as life-long disease (Frederic Gottrand)	
12.06 – 12.28	Pediatric Pseudo-obstruction Syndrome (Osvaldo Borrelli)	

12.30 – 14.00	Lunch Break and Poster Viewing	
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12.45 – 13.20	INDUSTRY SYMPOSIUM	GREAT HALL
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13.15 – 14.00	Poster Session	OCTAGON & COLETTE BOWE
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14.00 – 15.30	SYMPOSIA 7 / 8 / 9	
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SYMPOSIUM 7	THE SCIENTIFIC LEGACY OF PROFESSOR DAVID WINGATE – A FOUNDING FATHER OF NEUROGASTROENTEROLOGY AND MOTILITY (Chairs: Qasim Aziz, Mark Scott)	GREAT HALL
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14.00 – 14.22	Overview of David's contribution to the field of neurogastroenterology and motility (Charles Knowles)	
14.22 – 14.44	High-resolution small bowel manometry: state-of-the-art (Carolina Malagelada)	
14.44 – 15.06	Telemetric capsule measurement of gut motility: where are we now? (Mark Scott)	
15.06 – 15.28	Measurement of colonic motility: from intraluminal to extracorporeal (Gregory O'Grady)	

SYMPOSIUM 8	WHAT IS NEW IN THE TREATMENT AND DIAGNOSIS OF UPPER AND LOWER GI DISORDERS I (Chairs: Tim Vanuytsel, Artemis Trikola)	SKEELE
14.00 – 14.22	What is new in the Treatment and Diagnosis of Gastroparesis and Functional dyspepsia (Jan Tack)	
14.22 – 14.44	What is new in the diagnosis and treatment of Chronic Diarrhoea? (Christopher Black)	
14.44 – 14.59	NGS21832-88 Psyllium delays colonic fermentation of inulin as assessed by a novel gas sensing capsule (Joshua Reid)	
14.59 – 15.14	NGS21615-87 Novel molecular mechanisms and treatment option for mitochondria-defective chronic intestinal pseudo-obstruction (Chiara Diquigiovanni)	
15.14 – 15.29	NGS21658-94 Unraveling GI Symptoms in Hypermobility Ehlers–Danlos syndrome: A Functional and Structural Diagnostic Perspective (Roni Levin)	
SYMPOSIUM 9	BARRIER DYSFUNCTION IN NEUROGASTROENTEROLOGY (Chairs: Ricard Farré, Luis Gerardo Alcala Gonzalez)	PESTON
14.00 – 14.22	Intestinal barrier dysfunction and the gut-brain axis (Maria Raffaella Barbaro)	
14.22 – 14.44	Brain barrier dysfunction and the gut-brain axis (María Rodríguez Aburto)	
14.44 – 14.59	Glucocorticoid endogenous production by the enteric nervous system increases neuronal connectivity which is inhibited by inflammation in a GR-dependent manner (Justine Blin)	
14.59 – 15.14	Local treatment with budesonide improves intestinal immune activation, permeability, and sensitivity in a validated model for disorders of gut-brain interaction (Pauline Huighe)	
15.14 – 15.29	Role of the gut microbiome and gastrointestinal disorders in autism spectrum disorder (Michel Neunlist)	
15.30 – 16.00	Coffee Break and Poster Viewing	OCTAGON & COLETTE BOWE
16.00 – 17.30	SYMPOSIA 10 / 11 / 12	
SYMPOSIUM 10	CONTROL OF APPETITE AND METABOLISM (Chairs: David Bulmer, Madusha Peiris)	GREAT HALL
16.00 – 16.22	The role of gut hormones in metabolic regulation (Fiona Gribble)	
16.22 – 16.44	Chronodisruption, metabolic and gastrointestinal homeostasis (Inge Depoortere)	
16.44 – 17.06	Host–Microbe Interactions in Appetite and Metabolism: Mechanistic Insights from Microbiota-Targeted Approaches (Harriet Schellekens)	
17.06 – 17.28	Can we use nutrients to manipulate satiety hormones to treat obesity? (Madusha Peiris)	
SYMPOSIUM 11	VISCERAL PAIN, THE GUT MICROBIOME AND ENDOMETRIOSIS (Chairs: Jiří Dolina, Michel Neunlist)	SKEELE
16.00 – 16.22	Mechanisms of visceral pain (Asbjørn M Drewes)	
16.22 – 16.44	Challenges in the diagnosis and clinical management of endometriosis (Lucy Whitaker)	
16.44 – 17.06	The Isala Citizen-Science Project: what is the role of the vaginal microbiota in women's health? (Sarah Ahannach)	
17.06 – 17.28	Will the microbiome be a new therapy for endometriosis? (Siobhain O'Mahony)	
SYMPOSIUM 12	OESOPHAGEAL MOTOR DISORDERS (Chairs: Jutta Keller, Daniel Pohl)	PESTON
16.00 – 16.22	High resolution esophageal manometry: Current and future reference methods (Daniel Sifrim)	
16.22 – 16.44	EndoFLIP in the Endoscopy Suite: Does it really make a difference? (Jan Martinek)	
16.44 – 16.59	NGS21584-92 Esophageal Motility Disorders Among Elderly Patients: An International Multicenter Study (Amir Mari)	
16.59 – 17.14	NGS21618-90 Expressions of NOD-like receptors of esophageal mucosa may serve as markers reflecting acid exposure in the context of NERD (Sang Kil Lee)	
17.14 – 17.29	NGS21581-89 Assessment of Esophageal Emptying in Patients with Dysphagia: Differences Between High-Resolution Impedance Manometry and Timed Barium Esophagram (Amir Mari)	
17.45 – 18.20	INDUSTRY SYMPOSIUM	GREAT HALL

SATURDAY, SEPTEMBER 06, 2025

08.00 – 09.00	UEG/ESNM GUIDELINES FOR DYSPHAGIA (Chairs: Edoardo Savarino, Ehab Abufarhaneh)	SKEELE
08.00 – 08.15	Dysphagia Guidelines: From Formulation to Recommendations (Andrea Pasta)	
08.15 – 08.30	The Implementation of the Dysphagia Guidelines in Diagnostic Approaches – a Case-Based Discussion (Amir Mari)	
08.30 – 08.45	Therapeutic Approaches to Dysphagia: Algorithms from the Guidelines (Edoardo Savarino)	
08.45 – 09.00	Discussion	
09.00 – 10.30	SYMPOSIA 13/ 14 / 15	
SYMPOSIUM 13	ROME FOUNDATION SYMPOSIUM (Chairs: Jan Tack, Magnus Simren)	GREAT HALL
09.00 – 09.22	Update on Rome Foundation activities in 2025 (Jan Tack)	
09.22 – 09.44	Impact of COVID and other GI infections on DGBI prevalence and severity (Giovanni Marasco)	
09.44 – 10.06	Rome Foundation and neurogastroenterology and motility societies consensus on idiopathic gastroparesis (Florencia Carbone)	
10.06 – 10.28	DGBI symptoms in subjects with organic disease (Tom Van Gils)	
SYMPOSIUM 14	WHAT IS NEW IN THE TREATMENT AND DIAGNOSIS OF UPPER AND LOWER GI DISORDERS II (Chairs: Lukas Balsiger, Marek Waluga)	SKEELE
09.00 – 09.22	What is new in the Treatment and Diagnosis of Eosinophilic Esophagitis (Pierfrancesco Visaggi)	
09.22 – 09.44	What is new in the Treatment and Diagnosis of Functional Heartburn (Frank Zerbib)	
09.44 – 10.06	Chronic Constipation: Update on treatment and diagnosis (Maura Corsetti)	
10.06 – 10.28	What is new in the Treatment and Diagnosis of GERD (Edoardo Savarino)	
SYMPOSIUM 15	GUT MICROBIOME AND GUT-BRAIN DISORDERS (Chairs: Javier Santos, Sigrid Elsenbruch)	PESTON
09.00 – 09.22	Neuroactive potential of the gut microbiome 2.0 (Mireia Valles-Colomer)	
09.22 – 09.44	Gut microbiome and aggression (Omry Koren)	
09.44 – 09.59	Study on the role of intestinal muscularis macrophages in diabetic neurodegeneration (Marte Vendeput)	
09.59 – 10.14	Short term effects of an elimination diet and a healthy diet on the gut microbiome in children with Attention-Deficit/Hyperactivity Disorder: the TRACE study (Mirjam Bloemendaal)	
10.14 – 10.29	Acute and short-time effects of Aβ1-42 on the enteric nervous system and the gut (Manuela Gries)	
10.30 – 11.00	Coffee Break and Poster Viewing	OCTAGON & COLETTE BOWE
11.00 – 12.30	SYMPOSIA 16 / 17 / 18	
SYMPOSIUM 16	CHRONIC GASTRO-INTESTINAL DYSFUNCTION IN SYSTEMIC DISORDERS AND BEYOND (Chairs: Ismail Kalkan, Luis Novais)	GREAT HALL
11.00 – 11.22	IBS: A gut-specific condition with extraintestinal comorbidity or a multisystemic disorder with GI dysfunction? (Magnus Simren)	
11.22 – 11.44	The role of the microbiome-gut-brain-axis in Parkinson's disease (Francois Cossais)	
11.44 – 12.06	Gastrointestinal manifestations of rheumatological diseases (Jordi Serra)	
12.06 – 12.28	What the gastroenterologist should know about EDS, POTS and Mast cell activation disorders (Andrea Shin)	

SYMPOSIUM 17	JOINT ESNM/BDA SYMPOSIUM - THE ROLE OF DIET IN NEUROGASTROENTEROLOGY AND MOTILITY (Chairs: Gerard Clarke, Yvonne Jeanes)	SKEELE
11.00 – 11.22	Dietary Guidelines for Constipation: Considerations, challenges, and solutions (Eirini Dimidi)	
11.22 – 11.44	Challenges in initiating and adhering to dietary changes in DGBI (Sanna Nybacka)	
11.44 – 12.06	Host and Microbial Genetic Factors linked to efficacy of dietary restriction in DGBI (Mauro D'Amato)	
12.06 – 12.28	Gut neuroimmune reactions to food in IBS pathophysiology: new concepts and therapeutic options (Guy E. Boeckxstaens)	
SYMPOSIUM 18	CONTROVERSIES IN NEUROGASTROENTEROLOGY AND MOTILITY (TANDEM TALKS) (Chairs: Jan Tack, Vasile Drug)	PESTON
11.00 – 11.30	Gastroparesis is a sensory disorder/Gastroparesis is a motility disorder (Daniel Keszthelyi, Jutta Keller)	
11.30 – 12.00	FMT in IBS: works wonders! / no, not doing that! (Magda El-Salhy, Giovanni Barbara)	
12.00 – 12.30	Direct-to-consumer microbiome tests are meaningless/Clinical microbiome testing is the way of the future (Celine Druart)	
12.30 – 14.00	Lunch Break and Poster Viewing	
12.45– 13.20	INDUSTRY SYMPOSIUM	GREAT HALL
13.15 – 14.00	Poster Session	OCTAGON & COLETTE BOWE
14.00 – 15.30	SYMPOSIA 19 / 20 / 21	
SYMPOSIUM 19	JOINT ESNM/ISAPP SYMPOSIUM – IS GUT HEALTH A MEANINGFUL CONCEPT IN NEUROGASTROENTEROLOGY? (Chairs: Gerard Clarke, Karen Scott)	GREAT HALL
14.00 – 14.22	Defining Gut Health: from fundamental principles to application in Clinical Practice (Gerard Clarke)	
14.22 – 14.44	Dietary Considerations in the Design, Conduct and Reporting of Trials to Assess Gut Health (Genelle Lunken)	
14.44 – 15.06	Neural Representations of Gut Health: From Sweetest Friends to Broken Thoughts (Lukas Van Oudenhove)	
15.06 – 15.28	The Latest Science in Biotics for Gut Health (Karen Scott)	
SYMPOSIUM 20	NEW TECHNOLOGIES, MACHINE LEARNING AND AI (Chairs: Gregory O' Grady, Goran Hauser)	SKEELE
14.00 – 14.22	Novel methods for assessment of gastroduodenal function (Asma Fikree)	
14.22 – 14.44	The Diagnosis and Treatment of Gastrointestinal Motility Disorders: What Does the Future Hold? (Braden Kuo)	
14.44 – 15.06	Where are we now? AI, imaging techniques and the diagnosis of gastrointestinal diseases (Catharina Sophia de Jonge)	
15.06 – 15.28	Gut-Brain Axis on Chip: Combining Human Intestinal Organoids, Vagal Neurons and Brains for a deeper understanding of gut-brain communication (Kerensa Broersen)	
SYMPOSIUM 21	HOW CAN WE OPTIMISE CARE FOR OUR PATIENTS? (Chairs: Emma Gee, Qasim Aziz)	PESTON
14.00 – 14.22	Setting up a multidisciplinary team neurogastro clinic (TANDEM Talk) (Peter Paine, Emma Gee)	
14.22 – 14.44	Pediatric to adult transition care in neurogastro-enterology and motility (Natalia Zarate-Lopez)	
14.44 – 15.06	Brain-Gut Behavioral Treatments (Dipesh Vasant)	
15.06 – 15.28	Prescribing Lifestyle and Dietary Changes in DGBI (Stine Störsrud)	
15.30 – 16.00	CLOSING CEREMONY & ABSTRACT/YOUNG INVESTIGATOR AWARDS	GREAT HALL

SATURDAY, SEPTEMBER 06, 2025

09.00 –12.30 HANDS-ON MANOMETRY TRAINING COURSE (MORNING SESSION)

09.00 – 09.30	Registration <i>Coffee & Pastries</i>
09.30 – 10.15	Introduction Pathophysiology and diagnosis of GERD: overview Update on Lyon 2.0 consensus (Daniel Sifrim)
10.15 – 11.00	High-resolution oesophageal manometry (HRM) 24 hour multi-channel intraluminal impedance-pH monitoring (24h MII-pH) (Etsuro Yazaki)
11.00 – 11.15	<i>Coffee break</i>
11.15 – 11.30	Software and hardware (Synmed / Jinshan)
11.30 – 12.30	INTERACTIVE SESSION: Case discussions HRM & case discussion 24h MII-pH (Daniel Sifrim, Etsuro Yazaki)
12.30 – 13.30	<i>Lunch</i>

13.30 – 16.30 HANDS-ON MANOMETRY TRAINING COURSE (AFTERNOON SESSION)

13.30 – 13.35	Introduction (Mark Scott)
13.35 – 14.15	High-resolution manometry (HR-ARM); part of the diagnostic armamentarium available for investigating patients with disorders of defaecation (Mark Scott)
14.15 – 14.35	HR-ARM: what should we measure and what does it mean? (Standardised manometry protocol) (Mark Scott)
14.35 – 15.00	HR-ARM hardware and software (Jan-Willem van der Wal)
15.00 – 15.15	<i>Coffee break</i>
15.15 – 15.40	The London Classification of anorectal disorders (Mark Scott)
15.40 – 16.05	INTERACTIVE SESSION: Quality improvement and troubleshooting traces (Recognition of artefact) (Mark Scott, Jan-Willem van der Wal)
16.05 – 16.30	INTERACTIVE SESSION: Manometric patterns in health and disease (Mark Scott, Jan-Willem van der Wal)
16.30	Meeting closure

VENUE:
WINGATE INSTITUTE
26 Ashfield Street,
Whitechapel,
London E1 2AJ

POSTER PRESENTATIONS (OCTAGON)

★★★ = Poster of distinction (Colette Bowe Room)

01	POSTER EXHIBITION
13.15 – 14.00h	
Artificial intelligence and Machine Learning including computer-aided diagnoses	

NGS21702-84 (AI-01, Friday)

Artificial Intelligence as a Transforming Factor for Detection of Motility Patterns in High-Resolution Anorectal Manometry – Data from a Transatlantic Study

Mascarenhas Saraiva Miguel^{*1}, Mendes Francisco¹, Mota Joana¹, Almeida Maria Joao¹, Macedo Guilherme¹, Rala Cordeiro Joao², Hajra Martinez Ismael³, Matallana Royo Virginia³, Niland Benjamin⁴, Santander Cecilio⁵

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⁴Division of Gastroenterology, University of South Alabama, Alabama - United States

⁵Hospital Universitario La Princesa, Madrid - Spain

NGS217 03-85 (AI-02, Friday)

Artificial Intelligence Driven Diagnosis Of Motility Patterns In High-Resolution Esophageal Manometry – A Multicentric Multidevice Study

Mendes Francisco¹, Mascarenhas Saraiva Miguel¹, Mota Joana¹, Almeida Maria Joao^{*1}, Macedo Guilherme¹, Rala Cordeiro Joao², El Hajra Martinez Ismael³, Matallana Royo Virginia³, Matallana Royo Virginia³, Niland Benjamin⁴, Santander Cecilio⁵

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NGS21684-93 (AI-03, Friday)

Establishing a high-content imaging workflow to investigate the effect of environmental chemicals on macrophages and enteric neurons in zebrafish larvae

Nicolay Elena Katharina^{*1}, Tal Tamara¹, Massei Riccardo², Trofimova Darya³, Isensee Fabian³, Matallana Royo Virginia³, Haase Robert⁴

¹Department Ecotoxicology - Helmholtz Centre for Environmental Research (UFZ) Leipzig - Germany

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³Applied Computer Vision Lab, Division of Medical Image Computing - Helmholtz Imaging, German Cancer Research Center Heidelberg - Germany

⁴caDS.AI Dresden/Leipzig, Data Science Center, Leipzig University - Germany

NGS21887-98 ★★★ (POD-01, All days)

Impact of quantitative small bowel motility assessment in the management of Crohn's Disease: A real world multi-centre study

Menys Alex^{*1}, Naim Iyad¹, Fitzke Heather², Taylor Stuart², Bhatnagar Gauraang³, Moran Gordon⁴

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³Frimley Trust - United Kingdom

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NGS21632-86 (AI-04, Friday)

Machine Learning Based Model for Assessing Risk of Death from Hemorrhage in Acute Gastrointestinal Malignancies

Xu Wen^{*1}

¹People's Hospital of Chongqing Hechuan - China

NGS21961-91 (AI-05, Friday)

Which AI Explains Better? Expert Comparison of ChatGPT-4.0 and Claude 3.7 on Dysphagia

Bertin Luisa^{*1}, Savarino Edoardo Vincenzo¹, Kamal Afrin², Mari Amir³, Zerbib Frank⁴, Gyawali Prakash⁵, Carrion Silvia⁶, Lechien Jérôme René⁷, Roman Sabine⁸, Marabotto Elisa⁹

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02	POSTER EXHIBITION
13.15 – 14.00h	
Brain-gut interactions in health and systemic disease	

NGS21726-90 (BG-01, Friday)

Antispasmodics or Antidepressants? A Systematic Review and Network Meta-Analysis of Pharmacotherapies for IBS Management

Ismaiel Abdulrahman¹, Popa Stefan-Lucian¹, Dumitrascu Dan L^{*1}, Boitos Irina², Foucambert Paul², Leucuta Daniel-Corneliu³

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³Department of Medical Informatics and Biostatistics, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca - Romania

NGS21850-88 ★★★ (All days, POD-02)

Brain mechanisms mediating patient status and stress-induced negative affect in irritable bowel syndrome: the role of comorbidities

Qiu Lixin^{*1}, Bervoets Liene¹, Doods Ynse¹, Van Oudenhove Lukas¹, Van Den Houte Maaiké¹, Bosman Michelle², Keszthelyi Daniel², Trindade Ines³, Simrén Magnus⁴, Tack Jan⁵

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³School of Behavioural, Social and Legal Sciences, University of Örebro, Örebro - Sweden

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NGS21825-90 (BG-02, Friday)

Chronic Abdominal Pain in IBD During Remission: Gut-Brain Axis Dysregulation and the Role of Biopsychosocial Factors

Luthra Pavit^{*1}, Idrees Ruqaya¹, Margalit Yehuda Reuma¹, Aziz Qasim¹, Parkes Miles², Sokol Harry³, Norton Christine⁴, Vergnolle Nathalie⁵, Bulmer David⁶, Lindsay James⁷

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⁶Department of Pharmacology, University of Cambridge, Cambridge - United Kingdom

⁷Blizard Institute, Queen Mary University of London - United Kingdom

NGS21592-91 (BG-03, Friday)

Comprehensive Risk Profile of Gastrointestinal and Extra Articular Comorbidities in Ehlers-Danlos Syndrome: A Propensity-Matched Analysis of 138,308 individuals

Alsakarneh Saqr¹, VAL Ta'ani Omar², Mahmoud Madi Y³, Farmer Adam D^{*3}, Nelson Alfred⁴, Ruffle James⁵, Aziz Qasim⁶

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⁶Wingate Institute of Neurogastroenterology, Queen Mary University of London, London - United Kingdom

NGS21939-96 (BG-04, Friday)

Efficacy of Dietary Interventions in Irritable Bowel Syndrome: Systematic Review and Network Meta-analysis.

Cuffe Melanie S^{*1}, Staudacher Heidi², Aziz Imran³, Coss Adame Enrique⁴, Krieger-Grubel Claudia⁵, Madrid Ana Maria⁶, Ohlsson Bodil⁷, Black Christopher⁸, Ford Alexander⁹

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⁷Department of Internal Medicine, Skåne University Hospital, Malmö - Sweden

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⁹Queen Square Institute of Neurology, University College London, London - United Kingdom

NGS21753-90 (BG-05, Friday)

Efficacy of Itopride in Functional Dyspepsia: A Meta-Analysis of Placebo-Controlled and Prokinetic-Controlled Trials

Scheepers Janne^{*1}, Carbone Florencia², Vanuytsel Tim², Tack Jan², Jones Mike³

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³Faculty of Medicine, Health and Human Sciences, Macquarie University - Australia

NGS21830-86 (BG-6, Friday)

Enteric neuronal loss in patients with prodromal Parkinson's disease

Berentsen Birgitte^{*1}, Lundervold Katarina², Floenes Irene³, Saetran Hege³, Tzoulis Charalampos⁴

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⁴Neuro-SysMed Center of Excellence for Clinical Research in Neurological Diseases, Department of Neurology, Haukeland University Hospital, Bergen - Norway

NGS21873-93 (BG-07, Friday)

Evaluating outcomes of multimodal multidisciplinary interventions for Refractory Adult Rumination Syndrome in an integrated Tertiary Clinic

Bushell Kathryn¹, Pitcher Charlotte², Hasan Syed Shariq², Archbold Sharon², Vasant Dipesh H^{*2}, Berentsen Birgitte²

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²Manchester University NHS Foundation Trust, Manchester - United Kingdom

NGS21599-98 (BG-08, Friday)

Evaluating Striated Esophageal Contractility as a Novel Biomarker in Parkinson's Disease Patients Without Dysphagia

Lee Song^{*1}, Lee Jeong Yoon², Go Seong Beom², Kim Seung Han³

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University College of Medicine - Korea, Republic of

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³Department of Gastroenterology, Guro Hospital, Korea University College of Medicine - Korea, Republic of

NGS21904-88 (BG-09, Friday)

Exercise, aerobic fitness and the neuroactive potential of the gut microbiome: A systematic review and data reanalysis approach to mine microbes for gut-brain axis health

Nuzum Nathan^{*1}, Kanon Alexander¹, Valderrama Benjamin², Cryan John², Grabrucker Stefanie³, O Sullivan Orla⁴, Clarke Gerard⁵

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³Department of Anatomy and Neuroscience, University College Cork - Ireland

⁴Teagasc, Moorepark Food Research Centre, Moorepark, Fermoy - Ireland

⁵APC Microbiome Ireland and Department of Psychiatry and Neurobehavioural Science, University College Cork - Ireland

NGS21936-93 (BG-10, Friday)

Faecal microbiota transplantation from IBS patients induces colonic hypersensitivity and decreases brain connectivity in healthy rats: Implications for pain and interoception

Wilmes Lars¹, Uhlig Friederike¹, Depret Mélanie¹, Cryan John F¹, Clarke Gerard^{*1}, Rustichelli Alice², Farre Ricard², Van Den Houte Maaïke³, Helsper Shannon⁴, Himmelreich Uwe⁴

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⁴Department of Imaging and Pathology, KU Leuven, Leuven, Belgium

NGS21798-99 (BG-1, Friday)

Feasibility and efficacy of online gut-directed group hypnotherapy in irritable bowel syndrome (IBS)

Lövdahl Jenny¹, Ringström Gisela¹, Törnblom Hans¹, Simrén Magnus^{*1}, Palsson Olafur²

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NGS21696-96 (BG-12, Friday)

Gut-derived Serum Amyloid A3 mediates inflammatory signalling along the microbiome-gut-brain axis

Verstraelen Peter^{*1}, Verboven Rosanne¹, De Loose Nouchin¹, Timmermans Jean-Pierre¹, De Vos Winnok¹, Grando Kaitlyn², Tukel Cagla²

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²Center for Microbiology and Immunology, Temple University, Philadelphia - United States

NGS21750-87 ★ ★ ★ (All days, POD-03)

Hypermobility Is Not Associated with Chicago V4.0 Oesophageal Dysmotility or Lyon V2.0 Gastro-Oesophageal Reflux Disease: A Multi-Centre Case-Control Study

Butt Mohsin^{*1}, Hoshino Shintaro¹, Yazaki Etsuro¹, Sifrim Daniel¹, Aziz Qasim¹, Dervin Humayra², Sweis Rami², Zarate-Lopez Natalia², Fikree Asma²

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²Gastrointestinal Physiology Unit, University College London Hospital - United Kingdom

NGS21967-97 (BG-13, Friday)

Influence of alpha-synuclein-induced immune responses on the enteric nervous system in the context of Parkinson's disease etiology

Puhl Hannah^{*1}, Rommel Stephanie¹, Schäfer Karl-Herbert¹, Gries Manuela¹

¹Department of Informatics and Microsystems Technology, University of Applied Sciences Kaiserslautern, Working Group Enteric Nervous System, Zweibrücken, Germany

NGS21932-89 (BG-14, Friday)

Linking increased colonic permeability with an altered blood-brain barrier and presence of neuroinflammation in a rat model for disorders of gut-brain interaction

Rustichelli Alice¹, Rinckhout Sybren¹, Vanuytsel Tim¹, Tack Jan¹, Farre Ricard^{*1}, Musetta Luigi², Callewaert Bram², Himmelreich Uwe², Pinto Silvia³, Vennekens Rudi³

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NGS21791-92 (BG-15, Friday)

Longitudinal functional and morphological assessment of colon and enteric nervous system status with novel animal mini-endoscope

Planchette Arielle^{*1}, Sobolewski Aleksander¹, Gantar Ivana¹, Cabara Yoseline¹, Wojcicki Karol¹, Gora Michalina¹

¹Wyss Center for Bio and Neuroengineering, Geneva - Switzerland

NGS21833-89 (BG-16, Friday)

New Perspectives in the Use of the Psychobiotic Cerebiome® in Mental Health: From Strains Characterization to Clinical Evidence

Kassem Ola^{*1}, Auclair-Ouellet Noemie¹, Bronner Stephane¹, Oula Marie-Laure¹, Binda Sylvie¹

¹Rosell® Institute for Microbiome and Probiotics, Montreal - Canada

NGS21950-89 (BG-17, Friday)

Patients with hypermobility disorders on intestinal failure units - a multi-centre UK survey

Lam Ching¹, Paine Peter², Mooney Peter³, Fikree Asma⁴, Zarate-Lopez Natalia⁵, Hollingworth Thomas⁶, Gabe Simon⁷, Amarasinghe Gehanjali^{*7}

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⁴Barts Health Trust, London - United Kingdom

⁵University College London Hospitals NHS Foundation Trust - United Kingdom

⁶University Hospital Southampton NHS Foundation Trust - United Kingdom

⁷St Marks Hospital London - United Kingdom

NGS21571-88 (BG-18, Friday)

Physical Activity in Irritable Bowel Syndrome: A survey from the patients perspective

Lindsell Hannah^{*1}, Magistro Daniele¹, Williams Neil¹, Corsetti Maura², Darie Ana-Maria², Mohanan Aleesha², Walton Gemma³

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²Nottingham Digestive Diseases Centre - United Kingdom

³The University of Reading - United Kingdom

NGS21757-94 (BG-19, Friday)

Psychometric Profiling of Patients with Chronic Gastro-duodenal Symptoms Using Body Surface Gastric Mapping

Law Mikaela¹, Schamberg Gabriel¹, Johnston Gen¹, Gharibans Armen¹, O'Grady Greg¹, Calder Stefan¹, Wu Billy², Daker Charlotte³, Pickering Isabella⁴, Andrews Christopher^{*5}

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⁴Department of Psychological Medicine, The University of Auckland, Auckland - New Zealand

⁵Cumming School of Medicine, University of Calgary, Calgary - Canada

NGS21683-92 (BG-20, Friday)

Relationship of illness perception, psychological flexibility, and diagnosis variables on adherence of patients with Inflammatory Bowel Disease

Dubiel-Holecio Izabela^{*1}, Rozycka Jagoda¹, Omasta Klaudia¹

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NGS21804-87 (BG-21, Friday)

Standardizing Human-to-Rat Fecal Microbiota Transplantation; A Pilot Study on Optimizing Gut Microbiota Depletion and FMT Engraftment

Wekking Lotte^{*1}, Homberg Judith¹, Mulder Danique², Arias Vasquez Alejandro², Bloemendaal Mirjam²

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NGS21852-90 (BG-22, Friday)

Symptom localization and its role in symptom relief: Insights from a European-Asian Cohort of Gut-Brain Interaction Disorder Patients

Lehoucq Jara^{*1}, Van den Houte Karen¹, Van de Bruaene Cedric¹, Broeders Bert¹, Colomier Esther¹, Carbone Florencia²

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²AEGIS working group AEGIS, Tack Jan, University hospital of Leuven department of gastroenterology, KU Leuven Translational research center for gastro-intestinal diseases Leuven - Belgium

NGS21835-91 (BG-23, Friday)

Targeting the Gut Microbiota through postbiotic treatment alone or in combination with valproic acid alleviates absence epilepsy in WAG/Rij rats

Mateu Baptiste^{*1}, Coretti Lorena¹, Capasso Martina¹, Lembo Francesca¹, De Caro Carmen², Russo Emilio², Turco Luigia³

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³Department of Precision Medicine, University of Campania Luigi Vanvitelli, 80138 Naples - Italy

NGS21895-97 (BG-24, Friday)

The enteric nitrergic pathway, a target of microbiota extracellular vesicles in autism-related gastrointestinal disorders

Caillaud Martial^{*1}, Ganachaud Baptiste¹, Buruk Irem¹, Lalloué Clémence¹, Moreau Mathéus¹, Marchix Justine¹, Le Berre-Scoul Catherine¹, Neunlist Michel¹, Boudin Hélène¹

¹Nantes Université, INSERM, TENS, The Enteric Nervous System in Gut and Brain Diseases, IMAD, Nantes - France

NGS21784-94 (BG-25, Friday)

The impact of contingency awareness on the neuro-circuitry underlying visceral pain-related fear and safety learning

Labrenz Franziska^{*1}, Icenhour Adriane¹, Elsenbruch Sigrid²

¹Department of Affective Neuroscience, Ruhr University Bochum, Bochum - Germany

²Department of Medical Psychology and Medical Sociology, Ruhr University Bochum, Bochum - Germany

NGS21659-95 (BG-26, Friday)
The impact of fecal microbiota transplantation on gastrointestinal and behavioral symptoms in patients with autism spectrum disorder: A systematic review
 Liber Anna*¹, Wiech Malgorzata¹
¹Institute of Mother and Child in Warsaw, Department of Nutrition - Poland

NGS21871-91 ★★ (All days, POD-04)
The role of comorbidities in the neuroendocrine stress response in irritable bowel syndrome
 Van Den Houte Maaïke*¹, Bervoets Liene¹, Qiu Lixin¹, Doms Ynse¹, Bosman Michelle², Keszthelyi Daniel², Darie Ana-Maria², Mohanan Aleesha², Midenfjord Irina³, Simrén Magnus³, Tack Jan⁴, Van Oudenhove Lukas⁵
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³Department of Molecular and Clinical Medicine, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg - Sweden
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⁵Leuven - Belgium

NGS21948-96 (BG-27, Friday)
The South American Micro-Biome Archive (saMBA): enriching the microbiome-gut-brain axis field by evaluating neglected populations
 Valderrama Benjamin*¹, Lavelle Aonghus¹, Cryan John¹, Calderon-Romero Paulina², Bastiaanssen Thomaz³, Clarke Gerard⁴
¹APC Microbiome Ireland & Department of Anatomy and Neuroscience, University College Cork - Ireland
²Center for Integrative Biology, School of Science, Universidad Mayor, Santiago - Chile
³Department of Psychiatry, Amsterdam University Medical Centers Location Vrije Universiteit, Amsterdam - Netherlands
⁴APC Microbiome Ireland & Department of Psychiatry and Neurobehavioural Science, University College Cork - Ireland

NGS21624-87 (BG-28, Friday)
Unveiling the Relationship Between Nerve-Associated Macrophages and nerves across different organs
 Wang Zheng¹, Stakenborg Nathalie¹, Viola Maria¹, Remoortel Samuel*¹, Quan Runze¹, Appeltans Iris¹, Boeckxstaens Guy¹
¹Translational Research Center for GI Disorders (TARGID), Department of Chronic Diseases, Metabolism and Ageing, KU Leuven-University of Leuven, Leuven - Belgium

NGS21671-89 ★★ (All days, POD-05)
What to Expect When Discontinuing PPI Use: A Primary Care Perspective from the PEPPER Trial
 Scheepers Janne*¹, Van den Houte Karen¹, Carbone Florencia², Tack Jan²
¹KU Leuven, Translational Research Center for Gastrointestinal disorders - Belgium
²UZ Leuven, Department for Gastroenterology & Hepatology - Belgium

NGS21673-91 (BG-29, Friday)
Yoga inhibits the pro-nociceptive effect of fecal microbiota in Irritable Bowel Syndrome
 Baggio Cristiane¹, Arzamendi Maria¹, Habibyan Yasaman¹, Ohland Christina¹, McCoy Kathy¹, Kothandaraman Maitreyi¹, Nasser Yasmin*¹
¹University of Calgary, Calgary - Canada

03 POSTER EXHIBITION
 13.15 – 14.00h
Drugs, bugs and diet: Implications for barrier function and neuroimmunology in the gut-brain axis

NGS21672-90 (DB-01, Saturday)
Cholinergic Tuft Cells and Their Role in Secretory Responses Across Species
 Martinez-Daunis Anna*¹, Traserra Sara¹, Martinez Emma¹, Udina Esther¹, Vergara Patri¹, Jimenez Marcel¹, Sorribes Marce², Martinez-Frai Elena², Nardini Patrizia³, Vannucchi Maria Giuliana³
¹Universitat Autònoma de Barcelona, Barcelona - Spain
²Intitut de Bioenginyeria de Catalunya (IBEC), Barcelona - Spain
³University of Florence, Florence - Italy

NGS21603-84 (DB-02, Saturday)
Dietary manipulation of intestinal microbes prolongs survival in a mouse model of Hirschsprung disease
 Tjaden Naomi*¹, Heuckeroth Robert¹, Liou Megan², Sax Sophie², Beigel Katherine³, Lassoued Nejia⁴, Pilon Nicolas⁴, Lou Meng⁵, Schneider Sabine⁵, Thaïss Christoph⁵
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²Children's Hospital of Philadelphia, Philadelphia - United States
³Department of Biomedical and Health Informatics (DBHI), Children's Hospital of Philadelphia, Philadelphia - United States
⁴Department of Biological Sciences, Université du Québec à Montréal, Montreal - Canada
⁵Perelman School of Medicine at the University of Pennsylvania, Philadelphia - United States

NGS21664-91 (DB-04, Saturday)
The Dietary Impact on the Gut-Immune-Brain Axis
 Neven Kobe*¹, Jensen Benjamin Anderchou Holbech¹, Lund Asger Bach², Clemmensen Christoffer³, Novo Nordisk³
¹Department of Biomedical Sciences, Faculty of Health and Medical Sciences, University of Copenhagen - Denmark
²Department of Clinical Medicine, Gentofte Hospital - Denmark
³Foundation Center for Basic Metabolic Research - Denmark

04 POSTER EXHIBITION
 13.15 – 14.00h
Epidemiology of disordered gut function and disorders of gut-brain interaction

NGS21951-90 (ED-01, Thursday)
Overlap of 'Disorders of Gut-Brain Interaction' and their impact on Quality of Life and somatization in a tertiary care center- A cross-sectional study
 Goyal Omesh¹, Sood Ajit¹, Goyal Prerna², Goyal Manjeet Kumar*³, Kalra Shivam⁴, Jain Khushi⁵, Midha Vandana⁶
¹Department of Gastroenterology Dayanand Medical College and Hospital, Ludhiana, Punjab - India
²Department of Medicine R.G. Stone and super speciality Hospital, Ludhiana, Punjab - India
³Advanced IBD fellow, Department of Gastroenterology All India Institute of Medical Sciences, New Delhi - India
⁴Trident Medical Center Internal Medicine Residency North Charleston, South Carolina - United States
⁵Department of Medicine Gian Sagar Medical College and Hospital, Rajpura, Punjab - India
⁶Department of Medicine Dayanand Medical College and Hospital, Ludhiana, Punjab - India

NGS21629-92 (ED-02, Thursday)
A systematic review on functional emesis disorders
 Singh Bipneet*¹, Grover Palak¹, Ethakota Jahnavi¹, Kaur Gurleen²
¹Henry Ford Jackson - United States
²GMC, Amritsar - India

NGS21580-88 (ED-03, Thursday)
Association Between Ethnicity and Irritable Bowel Syndrome Patient's Behavior and Treatment
 Richter Vered¹, Broide Efrat¹, Cohen Daniel¹, Shalem Tzipora², Khoury Tawfik³, Fikree Asma³, Mansour Atallah⁴, Naftali Timna⁵, Mari Amir*⁵
¹The Gonczarowski Family Institute of Gastroenterology and Liver Disease, Shamir (Assaf Harofeh) Medical Center, Zerifin, 70300, Israel - Israel
²The Jecheskiel Sigi Gonczarowski Pediatric Gastroenterology Unit, Shamir (Assaf Harofeh) Medical Center, Zerifin 70300, Israel - Israel
³Gastroenterology and Hepatology Institute, Nazareth Hospital EMMS, Nazareth. The Azrieli Faculty of Medicine, Bar Ilan University, Israel - Israel
⁴Gastroenterology and Hepatology Institute, Nazareth Hospital EMMS, Nazareth - Israel
⁵Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel - Israel

NGS21794-95 (ED-04, Thursday)
Clinical Characteristics and Co-morbidities in Patients with Rumination and Supra-Gastric Belching: A Retrospective Study in a Tertiary Centre
 Neelam-Naganathan Dharshan Giri*¹, Lam Ching¹, Race Caroline²
¹Sheffield Teaching Hospitals NHS Foundation Trust, Sheffield - United Kingdom
²GI Physiology, Northern General Hospital, Sheffield Teaching Hospitals NHS Foundation Trust, Sheffield - United Kingdom

NGS21817-91 (ED-05, Thursday)
Clinical Symptom Comparison Between IBS and Inactive IBD with Overlapping Symptoms: A Qualitative Study
 Kim Hyun Jin*¹, Shin Jeong Eun²
¹Department of Internal Medicine, Gyeongsang National University College of Medicine, Jinju - Korea, Republic of
²Department of Internal Medicine, Dankook University College of Medicine, Cheonan - Korea, Republic of

NGS21953-92 (ED-06, Thursday)
Comorbidities and comedication in the treatment of functional gastrointestinal disorders – pharmacoepidemiological data on a medicinal product
 Göttlich Silja¹, Kelber Olaf*¹, Vinson Bettina², Raskopf Esther³, Mösges Ralf³, Shah Kija⁴, Nieber Karen⁵, Kraft Karin⁶
¹Phyto & Biotics Tech Platform, Phytomedicines Supply and Development Center, Bayer Consumer Health, Steigerwald Arzneimittelwerk GmbH, Darmstadt - Germany
²Medical Affairs, Phytomedicines Supply and Development Center, Bayer Consumer Health, Steigerwald Arzneimittelwerk GmbH, Darmstadt - Germany
³ClinNovis GmbH, Cologne - Germany
⁴Institute for Medical Statistics and Bioinformatics, University Clinics Cologne, Cologne - Germany
⁵Institute for Pharmacy, University of Leipzig, Leipzig - Germany
⁶Chair for Naturopathy, Center for Internal Medicine, University Medicine Rostock, Rostock - Germany

NGS21801-84 ★★ (POD-06, All days)
Decreased Amygdala Volume in Irritable Bowel Syndrome Patients with Traits Linked to Attention-Deficit/Hyperactivity Disorder
 Orell Gustav*¹, Barazanji Nawroz¹, Evripidou Myria¹, Walter Susanna¹, Lundberg Peter², Fernell Elisabeth³, Gillberg Christopher³, Lindberg Greger⁴
¹Department of Gastroenterology and Hepatology, Linköping University Hospital, Linköping, Sweden, and Department of health, Medicine and Caring Sciences, Linköping University - Sweden
²Depts of Radiation Physics and Radiology, Center for Medicine Imaging and Visualization (CMIV), and Dept of Health, Medicine and Caring Sciences, Linköping University, Linköping - Sweden
³Gillberg Neuropsychiatry Centre, Gothenburg university - Sweden
⁴Karolinska Institutet, Dept. of Medicine, Huddinge - Sweden

NGS21840-87 (ED-07, Thursday)
DICODI – Digestive Complications in Diabetes, project with AI potential
 Hellstrom Per*¹, Karout Bassam², Brock Christina³, Drewes Asbjorn³, Lundin Johan⁴
¹Uppsala University, Medical Sciences, Uppsala - Sweden
²Milltons Ltd, Cambridge - United Kingdom
³Aalborg University Hospital, Clinical Institute - Denmark
⁴Oslo University, Medicine, Lovisenberg Hospital - Norway

NGS21619-91 (ED-09, Thursday)
Factors associated with enteral tube feeding in patients with gastroparesis at a large teaching hospital in the United Kingdom
 McKinnie Karen¹, Archbold Sharon¹, Wiseman Elizabeth¹, Vasant Dipesh H*¹
¹Manchester University NHS Foundation Trust - United Kingdom

NGS21681-90 ★★ ★ (POD-07, All days)

Gas-related symptoms in irritable bowel syndrome and functional dyspepsia: prevalence and impact on daily life
van Gils Tom^{*1}, Katsumata Ryo¹, Törnblom Hans¹, Simrén Magnus¹, Drossman Douglas², Palsson Olafur², Tack Jan³, Danone Glob Research Innov Group⁴, Schmulson Max⁵, Bangdiwala Shrikant⁶

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²University of North Carolina/Chapel Hill, Chapel Hill, North Carolina - United States

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⁴Danone Global Research & Innovation, Gif-sur-Yvette - France

⁵Laboratorio de Hígado, Páncreas y Motilidad (HIPAM), Unit of Experimental Medicine Dr Ruy Pérez Tamayo, Universidad Nacional Autónoma de México (UNAM), Mexico City - Mexico

⁶Department of Health Research Methods, Evidence and Impact, and Population Health Research Institute, McMaster University, Hamilton, Ontario - Canada

NGS21963-93 (ED-10 Thursday)

Gender differences in the efficacy and tolerability of STW 5 for the treatment of functional gastrointestinal diseases in geriatric patients: Insights from the PhytoVIS study
Köhler Luca Peter¹, Worbs Jakob¹, Complido Emma¹, Kelber Olaf^{*1}, Nieber Karen²

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²Institute for Pharmacy, University of Leipzig, Leipzig - Germany

NGS21593-92 (ED-11, Thursday)

High on Relief? Cannabis Use and Gastroparesis Outcomes in 40, 670 Patients - A Propensity Matched Analysis
Kilani Yassine¹, Gonzalez Mosquera², Castro Puelo Priscila², Aldiabat Mohammad³, Ruffle James⁴, Mahmoud Madi⁵, Farmer Adam D^{*5}

¹Division of General Internal Medicine, Department of Medicine, Saint Louis University School of Medicine, St Louis, MO - United States

²Department of Medicine, New York Health + Hospitals - United States

³Department of Medicine, Washington University in St. Louis, Saint Louis, MO - United States

⁴Queen Square Institute of Neurology, University College London, London - United Kingdom

⁵Division of Gastroenterology & Hepatology, Department of Medicine, Saint Louis University School of Medicine, St Louis - United States

NGS21857-95 (ED-12, Thursday)

Patients With Irritable Bowel Syndrome Have Greater Symptoms Burden Than Other Bowel Disorders: Analyses from The Rome Foundation Global Epidemiology Study
Hod Keren^{*1}, Marasco Giovanni², Castro Puelo Priscila², Sperber Ami³, Palsson Olafur⁴, Bangdiwala Shrikant⁵, Barbara Giovanni⁶

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²Department of Medical and Surgical Sciences, University of Bologna - Italy

³Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer-Sheva, - Israel

⁴Center for Functional GI & Motility Disorders, University of North Carolina-Chapel Hill, Chapel Hill, North Carolina - United States

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⁶Department of Medical and Surgical Sciences, University of Bologna - Italy

NGS21928-94 (ED-13, Thursday)

Post-Infection Disorders of Gut Brain Interaction: Results of the Rome Foundation Global Study

Marasco Giovanni^{*1}, Barbara Giovanni¹, Schmulson Max², Castro Puelo Priscila², Ghoshal Uday³, Khatun Rutaba⁴, Bangdiwala Shrikant⁴, Palsson Olafur⁵, Sperber Ami⁶
¹University of Bologna - Italy

²Universidad Nacional Autónoma de México (UNAM) - Mexico

³Sanjay Gandhi Postgraduate Institute of Medical Sciences - India

⁴McMaster University - Canada

⁵University of North Carolina-Chapel Hill - United States

⁶Ben-Gurion University of the Negev - Israel

NGS21690-90 ★★ ★ (POD-08, All days)

Prevalence and associated factors of fecal incontinence: a global population-based study

van Gils Tom^{*1}, Algera Joost¹, Hreinsson Johann¹, Törnblom Hans¹, Simrén Magnus¹, Bangdiwala Shrikant², Sperber Ami³, Palsson Olafur⁴

¹Department of Molecular and Clinical Medicine, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Gothenburg - Sweden

²Department of Health Research Methods, Evidence and Impact, McMaster University, Hamilton, Ontario - Canada

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⁴Center for Functional GI and Motility Disorders, University of North Carolina/Chapel Hill, Chapel Hill, North Carolina - United States

NGS21595-94 ★★ ★ (POD-09, All days)

Prevalence and burden of opioids use among patients with Rome IV constipation predominant Irritable Bowel Syndrome: a real-world experience

Lambiase Christian^{*1}, Sbarigia Caterina², Palsson Olafur², Butt Mohsin Faysal³, Darie Ana-Maria³, Mohanan Aleesha³, Bush Debbie³, Isherwood Grace³, Lewis-Laws-on Tilly³, Card Tim³, Corsetti Maura³

¹Gastrointestinal Unit, Department of Translational Research and New Technologies in Medicine and Surgery, University of Pisa, Pisa - Italy

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³NIHR Nottingham Digestive Disease BRC and University of Nottingham, Nottingham - United Kingdom

NGS21642-87 (ED-14 Thursday)

Prevalence and Clinical Characteristics of Fecal Incontinence in Women from Mataró: A Population-Based Study
Raventos Alba^{*1}, Clavé Pere¹, Bascompte Cristina¹, Bartolomé Maria¹, Engel Gioia¹, Mundet Lluís¹, Toran Pere², Diez Galadriel², Chacon Carla²

¹Consorci Sanitari del Maresme - Spain

²Primary Healthcare Research Support Unit Metropolitana Nord. IDIAP Jordi Gol - Spain

NGS21768-96 (ED-15, Thursday)

Prevalence of Endoscopic Findings in Dyspeptic Patients
Flandes Iparraguirre Angela^{*1}, Barbero Villares Almudena¹, Bartolomé Oterino Inés¹, Redondo Evangelista Sheila¹, Tabernero Da Veiga Susana¹

¹Hospital Universitario Príncipe de Asturias, Alcalá de Henares - Spain

NGS21911-86 (ED-16, Thursday)

The Impact of Meal and Sleep Patterns on Gastroesophageal Reflux Disease and Irritable Bowel Syndrome: A UAE-Based Case-Control Study

Cha Byung Hyo^{*1}

¹Gastroenterology Consultant, Gastroenterology Department, Division of Internal Medicine, Sheikh Khalifa Specialty Hospital, Ras Al Khaimah - United Arab Emirates

NGS21352-85 (ED-17, Thursday)

The Prevalence and Burden of ARFID in Disorders of Gut-Brain Interaction

Flack Rosie¹, Brownlow Grace¹, Aziz Imran^{*1}, Burton-Murray Helen², Palsson Olafur³

¹University of Sheffield - United Kingdom

²Massachusetts General Hospital, Boston - United States

³University of North Carolina - United States

NGS21351-84 ★★ ★ (POD-10, All days)

The Prevalence and Burden of ARFID in the Adult General Population of the UK and USA

Brownlow Grace¹, Flack Rosie¹, Aziz Imran^{*1}, Burton-Murray Helen², Palsson Olafur³

¹University of Sheffield - United Kingdom

²Massachusetts General Hospital, Boston - United States

³University of North Carolina - United States

NGS21708-90 (ED-18 Thursday)

Time Trends of Disease Burden and Economic Implications of Functional Gastrointestinal Disorders in Korea from 2010 to 2020: A Nation-wide Comprehensive Study

Jeong Eui Sun¹, Jung Hye-Kyung^{*1}

¹Department of Internal Medicine, College of Medicine, Ewha Womans University, Seoul - Korea, Republic of

05	POSTER EXHIBITION
13.15 – 14.00h	
Mechanisms and diagnostic techniques in food intolerance	

NGS21952-91 ★★ ★ (POD-11, All days)

Non-Celiac Wheat Sensitivity in Refractory Functional Dyspepsia and Irritable Bowel Syndrome: A Prospective, Randomized Study

Goyal Omesh¹, Goyal Manjeet Kumar^{*2}, Kalra Shivam³, Bharadwaj Arshia⁴, Gupta Abhinav⁴, Mehta Akshay⁴, Kumar Paraag⁵, Goyal Prerna⁶, Sood Ajit⁷

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³Trident Medical Center Internal Medicine Residency North Charleston, South Carolina - United States

⁴DM Resident, Department of Gastroenterology, Dayanand Medi-

cal College and Hospital, Ludhiana, Punjab - India

⁵Department of Gastroenterology Maharishi Markandeshwar Institute of Medical Sciences and Research - India

⁶Department of Medicine R.G. stone and superspeciality Hospital, Ludhiana, Punjab - India

⁷Department of Gastroenterology Dayanand Medical College and Hospital, Ludhiana, Punjab - India

NGS21682-91 (MD-01, Friday)

Colonoscopic antigen provocation: results of an ongoing study in patients with irritable bowel syndrome

van Gils Tom^{*1}, Katsumata Ryo¹, Blomsten Amanda¹, Algera Joost¹, Hreinsson Johann¹, Josefsen Axel¹, Störsrud Stine¹, Törnblom Hans¹, Simrén Magnus¹

¹Department of Molecular and Clinical Medicine, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Gothenburg - Sweden

NGS21653-89 (MD-02, Friday)

Confocal laser endomicroscopy with duodenal food challenge does not predict triggering food times in eosinophilic esophagitis: results from a pilot trial

Raymenants Karlien^{*1}, Balsiger Lukas¹, Schol Jolien¹, Van de Bruaene Cedric¹, Toth Joran¹, Dufour Daphne¹, Vanuytsel Tim¹

¹TARGID, KU Leuven, Leuven - Belgium

NGS21898-00 (MD-03, Friday)

Electrochemical well-plate sensing device for monitoring how chemical stimulants alter serotonin overflow from intestinal organoids

Brooks Emily¹, Hussain Khalil¹, Kotecha Khushboo¹, Abdalla Aya¹, Patel Bhavik^{*1}

¹University of Brighton, Brighton - United Kingdom

NGS21782-92 ★★ ★ (POD-12, All days)

Food-Induced Alterations Identified Using Confocal Laser Endomicroscopy Are Not Associated With Diet Outcomes In Patients With Irritable Bowel Syndrome: A Randomised Double Blind Crossover Diet Intervention Study

Balsiger Lukas^{*1}, Schol Jolien¹, Raymenants Karlien¹, van den Bruaene Cedric¹, Toth Joran¹, Farré Ricard¹, Vanuytsel Tim¹, Tack Jan¹, Jones Michael²

¹TARGID Collaborators TARGID Collaborators, TARGID KU Leuven - Belgium

²MacQuarie University, Sydney - Australia

NGS21793-94 (MD-04, Friday)

Modified methylcellulose fibre gels are as effective as psyllium in reducing colonic gas after ingesting inulin

Dellschaft Neele^{*1}, Hoad Caroline¹, Reid Joshua², AlHasani Alaa³, Spiller Robin⁴, ENERGISE Team The⁵

¹Gowland Penny, Sir Peter Mansfield Imaging Centre and Nottingham NIHR Biomedical Research Centre, University of Nottingham - United Kingdom

²Food Materials Research Centre, University of Nottingham - United Kingdom

³4 Faculty of Health and Rehabilitation Sciences, Princess Nourah Bint Abdul Rahman University, Riyadh - Saudi Arabia

⁴Nottingham NIHR Biomedical Research Centre and Nottingham Digestive Disease Centre, School of Medicine, University of Nottingham - United Kingdom

⁵Quadram Institute Bioscience, Norwich Research Park,

Norwich; Nottingham Digestive Disease Centre, University of Nottingham; School of Food Science and Nutrition, University of Leeds - United Kingdom

NGS21668-95 ★★ ★ (POD-13, All days)

Outcome of a Randomized, Double-blind, Sham-controlled, Cross-over study assessing Confocal Laser Endomicroscopy-based diets in Functional Dyspepsia

Van de Bruaene Cedric^{*1}, Schol Jolien¹, Balsiger Lukas¹, Raymenants Karlien¹, Vanuytsel Tim¹, Tack Jan¹, Routhiaux Karen², Van den Houte Karen², Toth Joran²

¹Katholieke Universiteit Leuven / Universitaire Ziekenhuizen Leuven Campus Gasthuisberg, Translational Research Center for Gastrointestinal Disorders, Department of Neurogastroenterology and Motility - Belgium

²TARGID study collaborators TARGID, Katholieke Universiteit Leuven, Translational Research Center for Gastrointestinal Disorders, Department of Neurogastroenterology and Motility - Belgium

06 POSTER EXHIBITION

13.15 – 14.00h

Mechanisms underlying normal and disordered gastrointestinal function

NGS21851-89 (MU-01, Thursday)

Aberrant levels of IL-8 detected in serum of gastroparesis patients: a comprehensive cytokine analysis

Smieszek Sandra^{*1}

¹Vanda Pharmaceuticals Inc. - United States

NGS21715-88 (MU-02, Thursday)

Activation and GLP-1 release from human rectal L cells

Alcaino Constanza^{*1}, Lu Tianyi¹, Reimann Frank¹, Gribble Fiona¹

¹University of Cambridge - United Kingdom

NGS21776-95 (MU-03, Thursday)

Age-related effects on myenteric neuronal numbers, neuronal activity and muscle contractility in the guinea pig colon

Mazzuoli-Weber Gemma¹, Armbrrecht Yvonne¹, Hoppe Susanne¹, Elfers Kristin^{*1}

¹Institute for Physiology and Cell Biology, University of Veterinary Medicine Hannover, Foundation, Hannover - Germany

NGS21870-90 (MU-04, Thursday)

Age-related loss of GPR68-expressing neurons within the mucosa, not the myenteric plexus of human colon

Baidoo Nicholas^{*1}, De Rasis Enrica², Antonio Morrone Luigi², Tahiri Dion³, Paine Luke⁴, Bulmer David⁵, John Sanger Gareth⁶

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²University of Calabria, Rende - Italy

³Queen Mary University of London, London. - United Kingdom

⁴University of Cambridge, Cambridge - United Kingdom

⁵University of Cambridge, Cambridge - United Kingdom

⁶Queen Mary University of London, London - United Kingdom

NGS21771-90 (MU-05, Thursday)

Analyses of ER morphology required for pacemaking in the interstitial cells of Cajal

Tamada Hiromi^{*1}, Iino Satoshi¹

¹University of Fukui - Japan

NGS21590-89 (MU-06, Thursday)

Anorectal manometry profiles of patients with chronic constipation – data from a Singaporean centre

Yeap Valeriev^{*1}, Ong Ming Liang Andrew¹

¹Singapore General Hospital, Department of Gastroenterology and Hepatology, Singapore - Singapore

NGS21811-85 (MU-08, Thursday)

Antral hypercontractility dominates in gastroparesis

Luttermann Janek^{*1}, Humsi Marie Antonia¹, Arlt Alexander¹, Keller Jutta¹

¹Israelitic Hospital Hamburg - Germany

NGS21759-96 (MU-09, Thursday)

Association between gastric rhythm and reflux disease defined by simultaneous BSGM and pH impedance testing

Xu William¹, Varghese Chris¹, Schamberg Gabe¹, Ghari-bans Armen¹, Calder Stefan¹, O'Grady Gregory^{*1}, Simmonds Sam², Foong Daphne³, Andrews Christopher⁴, Gupta Abhinav⁴, Mehta Akshay⁴, Ho Vincent⁵

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⁴Department of Gastroenterology, University of Calgary, Calgary - Canada

⁵Department of Gastroenterology and Hepatology, Campbelltown Hospital, Campbelltown - Australia

NGS21930-87 (MU-10, Thursday)

Associations Between Autonomic Dysfunction, Gastrointestinal Motility, and Symptom Burden in Diabetic and Idiopathic Gastroparesis and Gastroparesis-like Syndrome

Bekkelund Mattis^{*1}, Valeur Jorgen², Steinsvik Elisabeth³, Softeland Eirik³, Dimceviski Georg³, Sangnes Dag André³

¹Lovisenberg Diaconal Hospital, Oslo - Norway

²Medical department, Lovisenberg Diaconal Hospital, Bergen - Norway

³Medical department, Haukeland University Hospital, Bergen - Norway

NGS21070-82 (MU-11, Thursday)

Avoidance of Defecation in School Toilets and the Development of IBS in Later Life

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²Cardiff University School of Medicine - United Kingdom

NGS21614-86 (MU-12, Thursday)

Biallelic variants in PIEZO1 underlie a novel form of Chronic Intestinal Pseudo-Obstruction

Diquigiovanni Chiara^{*1}, Orsini Arianna¹, Bonora Elena¹, Rizzardi Nicola², Bergamini Christian², Malagelada Carolina³, Beech David⁴, Sardar Sabah⁵, Vassalli Massimo⁵, De Giorgio Roberto⁶

¹University of Bologna, Department of Medical and Surgical Sciences, Bologna - Italy

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³University of Barcelona, Department of Medicine, Barcelona - Spain

⁴University of Leeds, Faculty of Medicine and Health, School of Medicine, Leeds - United Kingdom

⁵University of Glasgow, James Watt School of Engineering, Glasgow - United Kingdom

⁶University of Ferrara, Department of Translational Medicine, Ferrara - Italy

NGS21756-93 (MU-13, Thursday)

Body Surface Gastric Mapping Helps Distinguish Cannabis Hyperemesis Syndrome From Gastroparesis In A Tertiary-care Motility Center

Simmonds Sam¹, Wilsack Lynn², Woo Matthew², Andrews Christopher^{*2}, Calder Stefan³, O'Grady Greg³

¹Alimetry Limited - New Zealand

²University of Calgary - Canada

³The University of Auckland - New Zealand

NGS21700-82 ★★ ★ (POD-14, All days)

Characterisation of GLP-1R and NPY1/2R expression in human gastrointestinal tissue

Dontamsetti Kiran Devi^{*1}, Aktar Rubina¹, Peiris Madusha¹

¹Queen Mary University of London, Wingate Institute of Neurogastroenterology - United Kingdom

NGS21670-88 (MU-15, Thursday)

Characterisation of GPR20 in healthy and inflamed-affected human intestine

Pedrosa Suarez Laura Camila¹, Sailani Nadia¹, Aktar Rubina¹, Peiris Madusha^{*1}

¹Queen Mary University of London, London - United Kingdom

NGS21692-92 (MU-16, Thursday)

Characterising FP receptor signalling in the mouse gastrointestinal tract

Mekinik Dora^{*1}, Cox Helen¹, Suzuki Rie², Brown Alastair²

¹King's College London, London - United Kingdom

²Nxera Pharma, Cambridge - United Kingdom

NGS21923-89 (MU-17, Thursday)

Colonic mast cell activation is linked to mental and somatic symptom severity in Irritable Bowel Syndrome: results from the DISCOVERIE project

Gonzalez-Castro Ana Maria^{*1}, Vilaplana Nuria², Exposito Elba², Lobo Beatriz³, Pigrau Marc⁴, Simren Magnus⁵, DISCOVERIE project DISCOVERIE⁶, Santos Javier⁷, Alonso-Cotoner Carmen⁷

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⁵Department of Molecular and Clinical Medicine, Institute of Medicine, University of Gothenburg, Gothenburg - Sweden

⁶EU-funded project n°: 848228 - Spain

⁷Laboratory of Neuro-Immuno-Gastroenterology, Vall d'Hebron Institut de Recerca. Gastroenterology Department, University Hospital Vall d'Hebron. CIBEREHD, Barcelona - Spain

NGS21565-91 (MU-18, Thursday)

Consensus on the management of anesthetic agents during digestive motility measurements and proposal of a standardized protocol for anesthesia (French Neuro Gastroenterology Group GFNG and committee of anesthetic French experts)

Renard Domitille¹, Clavier Thomas¹, Gourcerol Guillaume², Desprez Charlotte^{*2}

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NGS21899-01 ★★ ★ (MU-19, Thursday)

Cracking the Code of Refractory Aero-Digestive Symptoms with High Resolution Impedance Manometry and 24-Hour pH/Impedance monitoring

Barry Lillian^{*1}, Guinane Patrick¹, Houlihan Diarmaid¹, Jackson Lucina¹, Stack William¹,

¹ Department of Gastroenterology, Bon Secours Hospital, Cork - Ireland

NGS21976-97 (MU-20, Thursday)

Cyclical vomiting syndrome: Diagnosis and mimics

Coyle Jessica^{*1}, Banoub Hany², Ayaz Mashhood², Chong Sonny²

¹St George's Medical school London - United Kingdom

²GESH - United Kingdom

NGS21637-91 (MU-21, Thursday)

Delayed gastric emptying does not contribute to gastroesophageal reflux, nor disease severity in patients with respiratory disease.

Bradley Jessica^{*1}, Cheah Ramsah¹, Houghton Lesley¹, Olson Caroline², DeVault Kenneth², Alghubari Ali³, Shah Sadia⁴, Lee Augustine⁵

¹Leeds Institute of Medical Research, University of Leeds, Leeds - United Kingdom

²Department of Gastroenterology and Hepatology, Mayo Clinic, Florida - United States

³Respiratory Therapy Program, College of Nursing and Health Sciences, Jazan University, Kingdom of Saudi Arabia - Saudi Arabia

⁴Department of Transplantation, Mayo Clinic, Florida - United States

⁵Department of Pulmonology, Mayo Clinic, Florida - United States

NGS21880-91 (MU-22, Thursday)

Detection of bile acids in saliva as new non-invasive diagnostic method of Barrett's esophagus

Konecny Stefan^{*1}, Dolina Jiri¹, Dosedelova Vera², Lacna Julia², Kuban Petr², Lastovickova Marketa³,

¹University Hospital Brno, Department of Internal Medicine and Gastroenterology, Brno and Masaryk University, Faculty of Medicine, Brno - Czech Republic

²Institute of Analytical Chemistry of the Czech Academy of Sciences, Department of Bioanalytical Instrumentation, Brno - Czech Republic

³Institute of Analytical Chemistry of the Czech Academy of Sciences, Department of Environmental Analytical Chemistry, Brno - Czech Republic

NGS21736-91 (MU-23, Thursday)
Diagnostic sensor for detecting serotonin as a predictor for age-related lower bowel dysfunction in the murine anorectum

Hopkins Ryan*¹, Hussain Khalil¹, Shergill Rico¹, Patel Bhavik¹, Yeoman Mark¹

¹University of Brighton - United Kingdom

NGS21622-85 ★★ ★ (POD-15, All days)
Disentangling the molecular complexity of chronic intestinal pseudo-obstruction: focus on microvascular changes

Boschetti Elisa*¹, Neri Irene¹, Ratti Stefano¹, Manzoli Lucia¹, Caporali Leonardo², Carelli Valerio², Bonora Elena³, Stanghellini Vincenzo³, Malagelada Carolina⁴, De Giorgio Roberto⁵

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²IRCCS Istituto delle Scienze Neurologiche di Bologna, Programma di Neurogenetica, Bologna- Italy

³Department of Medical and Surgical Sciences (DIMEC), University of Bologna, Bologna - Italy

⁴Digestive System Research Unit, University Hospital Vall d'Hebron, Barcelona - Spain

⁵Department of Translational Medicine, University of Ferrara, Ferrara - Italy

NGS21734-89 (MU-24, Thursday)
Dupilumab Reduces Days with Dysphagia Up to 52 Weeks in Adult and Adolescent Patients with Eosinophilic Esophagitis: Post Hoc Analysis of LIBERTY EoE TREET Study

Dellon Evan*¹, Chehade Mirna², Schoepfer Alain³, Ma Christopher⁴, Racca Francesca⁵, Low Eric⁶, Zerbib Frank*⁷, Xia Changming⁸, Thomas Ryan⁸, Tilton Sarette⁹

¹Center for Esophageal Diseases and Swallowing, University of North Carolina School of Medicine, Chapel Hill - United States

²Mount Sinai Center for Eosinophilic Disorders, Icahn School of Medicine at Mount Sinai, New York - United States

³Division of Gastroenterology and Hepatology, Department of Internal Medicine, Centre Hospitalier Universitaire Vaudois and University of Lausanne, Lausanne - Switzerland

⁴Division of Gastroenterology & Hepatology, Departments of Medicine and Community Health Sciences, Cumming School of Medicine, University of Calgary, Calgary - Canada

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⁶Jennifer Moreno Veteran Affairs San Diego Healthcare System, Division of Gastroenterology, University of California San Diego, San Diego - United States

⁷Université de Bordeaux, Bordeaux - France

⁸Regeneron Pharmaceuticals Inc., Tarrytown - United States

⁹Sanofi, Cambridge - United States

NGS21607-88 (MU-25 Thursday)
Dyssynergic Defecation as a Feature of Synucleinopathy-Related Constipation

Manfredy Richard*¹, Mallavarapu Ravindra¹, Keshavarzian Ali²

¹Cedar Valley Digestive Health - United States

²Rush University - United States

NGS21924-90 (MU-26, Thursday)
Early Immune Activation and Neuronal Alterations in the Enteric Nervous System of a Parkinson's Disease Mouse Model

Rommel Stephanie*¹, Baudendistel Marie¹, Nickel Larissa¹, Schulte Steven¹, Saha Tultul¹, Puhl Hannah¹, Schäfer Karl Herbert¹, Gries Manuela¹, Hentrich Thomas², Schulze-Hentrich Julia²

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²Department of Genetics/Epigenetics, Faculty NT, Saarland University, 66123 Saarbrücken - Germany

NGS21910-85 ★★ ★ (POD-32, All days)
Early life antibiotics and acid suppressing medications are more commonly prescribed in people with irritable bowel syndrome than in controls

Benitez Alain*¹, Quarshie William¹, Roshkovan Lexi¹, Heuckeroth Robert¹, Mousa Haya¹, Webster Jennifer¹, Albenberg Lindsey¹

¹Children's Hospital of Philadelphia, Philadelphia - United States

NGS21694-94 (MU-27, Thursday)
Effect of faecal supernatants from human irritable bowel syndrome patients on enteric and dorsal root ganglia neuronal activity

Hein Silja*¹, Elfers Kristin¹, Mazzuoli-Weber Gemma¹

¹Institute for Physiology and Cell Biology, University of Veterinary Medicine Hannover, Foundation - Germany

NGS21654-90 (MU-28, Thursday)
Effect of lower esophageal sphincter function on the symptom severity in patients with non-erosive reflux disease

Kim Beom Jin*¹, Park Jae Yong¹, Kim Jae Gyu¹

¹Chung-Ang University College of Medicine - Korea, Republic of

NGS21920-86 (MU-29 Thursday)
Effect of plasma and colonic supernatants of patients with diverticular disease on Caco-2 cell permeability: an in vitro study.

Bianco Francesca*¹, Cremon Cesare¹, Meacci David¹, Matteucci Mariachiara¹, Melloni Martina¹, Monti Federica¹, Barbaro Maria Raffaella², Marasco Giovanni², Stanghellini Vincenzo², Barbara Giovanni²

¹IRCCS Azienda Ospedaliero-Universitaria di Bologna, Bologna - Italy

²Department of Medical and Surgical Sciences, University of Bologna and IRCCS Azienda Ospedaliero-Universitaria di Bologna - Italy

NGS21772-91 (MU-30, Thursday)
Effects of a Prokinetic Agent (DA-9701) on Blood Glucose and Rapid Gastric Emptying in a Streptozotocin-Induced Early Diabetic Mouse Model

Kim Minjun*¹, Song Young Mi², Woo Matthew², Sohn Chong Il³, Kim Nam Hee³

¹Department of Gastroenterology, Chung-Ang University Gwangmyeong Hospital, Chung-Ang University School of Medicine, Seoul - Korea, Republic of

²Department of Gastroenterology, Samsung Kangbuk Hospital, Sungkyunkwan University School of Medicine, Seoul - Korea, Republic of

NGS21799-00 ★★ ★ (POD-17, All days)
Effects of intracolonic fructans, fructose, and mannitol infusion on colonic motility in healthy subjects

Verheyden Annelies*¹, Makovec Ziva², Dinning Phil³, Vanuytsel Tim⁴, Tack Jan⁴

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²University Medical Centre Ljubljana - Slovenia

³Flinders University, Adelaide - Australia

⁴University hospital of Leuven (UZ Leuven), Leuven - Belgium

NGS21941-89 (MU-31, Thursday)
Effects of Pepsin on Salivary Proteins – Insights from Proteomic Profiling Using MALDI-TOF Mass Spectrometry

Floria Diana-Elena*¹, Neamtu Andrei¹, Iliescu Radu¹, Barboi Oana-Bogdana¹, Drug Vasile-Liviu¹, Petre Alina²

¹Grigore T. Popa University of Medicine and Pharmacy Iasi - Romania

²Alexandru Ioan Cuza University of Iasi - Romania

NGS21623-86 (MU-32, Thursday)
Endothelial-derived thymidine phosphorylase deficiency triggers enteric neurodegeneration: unraveling the neurovascular crosstalk in intestinal dysmotility

Neri Irene*¹, Boschetti Elisa¹, Manzoli Lucia¹, Ratti Stefano¹, Saha Tultul², Rommel Stephanie², Schulte Steven², Gries Manuela², Schäfer Karl-Herbert², De Giorgio Roberto³

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²Workgroup Enteric Nervous System (AGENS), Department of Informatics and Microsystems Technology, University of Applied Sciences Kaiserslautern, Zweibrücken - Germany

³Department of Translational Medicine, University of Ferrara, Ferrara - Italy

NGS21647-92 (MU-33, Thursday)
Enhanced Submucous Plexus Activation by IBS-D Fecal Supernatants is linked to proteases via the activation of PAR-1

Ridzal Lejla*¹, Schemann Michael¹, Annahazi Anita¹, Thomas Frieling², Roka Richard³, Inczeffi Orsolya³, Bacsur Peter³, Neunlist Michel⁴, Theodorou Vassilia⁵, Luksch Harald⁶

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²Helios Klinikum Krefeld, Krefeld - Germany

³First Department of Medicine, University of Szeged, Szeged, - Hungary

⁴Institut des Maladies de l'Appareil Digestif, University of Nantes, Nantes - France

⁵INRA UMR 1331 TOXALIM - Team Neuro-Gastroenterology & Nutrition, Toulouse - France

⁶Chair of Zoology, Technical University of Munich, Freising, Germany - Germany

NGS21685-94 (MU34 Thursday)
Esophagogastric Junction Outflow Obstruction (EGJO): Role of upper esophageal sphincter on pathogenesis and clinical manifestations. A high resolution esophageal manometry study

Ioannou Alexandros*¹, Michailidou Styliani², Tsamakidis Xenofon², Dimitroulopoulos Dimitrios², Torresan Francesco³

¹Gastroenterology Unit, Alexandra General Hospital, Athens - Greece

²Gastroenterology Department, St. Savvas Cancer Hospital, Athens - Greece

³Department of Medical and Surgical Sciences, St.Orsola-Malpighi University Hospital, Bologna - Italy

NGS21837-93 (MU-35, Thursday)
Evaluation of sphincter relaxation after cough manoeuvre using high-definition anorectal manometry

Calm Anna*¹, Dall'Oglio Sofia¹, Avella Andrea¹, Nevado Sandra¹, Peiro Sonia¹, Marin Ingrid¹

¹Hospital Universitari Germans Trias i Pujol - Spain

NGS21741-87 (MU-36, Thursday)
Expression of IGF1/IGF1R in enteric neurons and its cell biological effect on ENS progenitor cells

Ritter Sophia*¹, Scharr Melanie¹, Hirt Bernhard¹, Neckel Peter Helmut¹, Scherer Simon²

¹Department of Anatomy, University of Tübingen - Germany

²Children's Hospital, University of Tübingen - Germany

NGS21597-96 (MU-37, Thursday)
Extracellular Vesicles cause early neuronal loss in the colon of mice infected With Trypanosoma cruzi

Silva-Zussa Maria Gabriela¹, Santos Amanda¹, Sona Henrique¹, Watanabe Paulo¹, Toledo Max Jean¹, Nogueira-Melo Gessilda*¹, Rossi Izadora², Machado Camila², Ramirez Marcel³

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²State University of Londrina, Londrina - Brazil

³Oswaldo Cruz Institute, Curitiba - Brazil

NGS21889-00 (MU-38, Thursday)
Farnesoid X receptor activation affects postprandial motilin secretion and enhances gastric accommodation

Ruilova Sosoranga Emily*¹, Tanemoto Rina¹, Willekens Sarah¹, Mori Hideki², Tack Jan³

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²Division of Gastroenterology and Hepatology, Department of Internal Medicine, Keio University School of Medicine - Japan

³Leuven - Belgium

NGS21824-89 (MU-39, Thursday)
Feasibility assessment of future clinical trials for chronic intestinal pseudo-obstruction

Luongo Giuseppe*¹, Battigello Paolo¹, Manzoni Sara¹, Szczech Lynda²

¹Alfasigma S.p.A., Bologna - Italy

²Intercept Pharmaceuticals, Inc., Morristown, NJ - United States

NGS21859-97 *(MU-40, Thursday)*
Fecal Calprotectin and Fecal Alpha-1 Antitrypsin – is there a Correlation between These Two Inflammatory Markers?

Perets Tsachi Tsadok¹, Ashorov Olga², Huta Yair², Gingold Belfer Rachel³, Dickman Ram³, Hod Keren^{*4,5}

¹Rabin Medical Center, Petah Tikva and Holon Institute of Technology, Holon - Israel

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³Rabin Medical Center, Petah Tikva and Tel Aviv University, Tel Aviv - Israel

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NGS21960-90 *(MU-41, Thursday)*
Gastric Motor Dysfunction by 13 C-Spirulina Gastric Emptying Breath Test and Dynamic Gastric MRI in Adolescents with Dysautonomia vs Healthy Controls

Khamissi Fatima¹, Williams Lauren¹, Plunk Matthew¹, Applin Dylan¹, Zhang Liyun¹, Simpson Pippa¹, Karrento Katja¹, Menys Alex^{*2}

¹Medical College of Wisconsin, Milwaukee - United States

²Motilent, London - United Kingdom

NGS21848-95 *(MU-42, Thursday)*
Gastrointestinal motility examined by wireless motility capsule (SmartPill®), gut hormone profiles and appetite in inflammatory bowel disease

Al-Saffar Anas Kh¹, Tümer Tolga¹, Diaz-Tartera Hetzel¹, Webb Dominic-Luc¹, Hellstrom Per M^{*1}

¹Uppsala University, Medical Sciences, Uppsala - Sweden

NGS21626-89 *(MU-43, Thursday)*
Genetic Insights Into Gastroparesis: A Comprehensive GWAS Reveals Distinct And Shared Risk Factors In Diabetic And Idiopathic Subtypes

Bai Haimeng^{*1}, Smieszek Sandra¹, Carlin Jesse¹, Xiao Changfu¹, Polymeropoulos Christos¹, Birznieks Gunther¹, Polymeropoulos Mihael¹

¹Vanda Pharmaceuticals Inc. - United States

NGS21751-88 *(MU-44, Thursday)*
Glucagon-like peptide-1 agonist liraglutide impairs gastric electrical activity in healthy volunteers

Coutinho Schynell¹, Buenz Eric¹, Calder Stefan¹, Ghari-bans Armen¹, O'Grady Greg¹, Daker Charlotte¹, Varghese Chris², Andrews Christopher^{*3}

¹Alimetry Limited - New Zealand

²University of Auckland - New Zealand

³University of Calgary - Canada

NGS21922-88 *(MU-45, Thursday)*
Identification of prognostic biomarkers of IBS severity in a multi-centric European cohort via an integrative multi-omics analysis

García-Illarramendi Juan Manuel^{*1}, Gonzalez-Castro Ana Maria², Schmitteckert Stefanie³, Bermejo Justo Lorenzo⁴, Simrén Magnus⁵, DISCOVeRIE project DISCOVeRIE⁶, Alonso-Cotoner Carmen⁷, Santos Javier⁷

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³Department of Human Molecular Genetics, Institute of Human Genetics, University of Heidelberg, Heidelberg - Germany

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⁵Department of Molecular and Clinical Medicine, Institute of Medicine, University of Gothenburg, Gothenburg - Sweden

⁶EU-funded project n°: 848228 - Spain

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NGS21790-91 *(MU-46, Thursday)*
Impact of Toll-like receptor 4 signaling in age-related intestinal dysfunction

Faggin Sofia^{*1}, Centomo Elisa¹, Fassina Elena¹, Rizzi Alessia¹, Giron Maria Cecilia¹, Bosi Annalisa², Giaroni Cristina², Savarino Edoardo Vincenzo³

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²Department of Medicine and Surgery, University of Insubria, Varese - Italy

³Department of Surgery, Oncology and Gastroenterology, University of Padova, Padova - Italy

NGS21738-93 *(MU-47, Thursday)*
Impaired ciliary kinematics in laryngopharyngeal reflux patients – a comprehensive pH/impedance based analysis

Plutko Stefan^{*1}, Vazanov Diana¹, Celkova Patricia¹, Kvassayova Julia¹, Liptak Peter¹, Duricek Martin¹, Banovcin Peter¹

¹University Hospital Martin - Slovakia

NGS21711-84 *(MU-48, Thursday)*
In-depth characterization of the colonic pathology of the B6;129-Ednrbtm1Ywa/J mouse model of Hirschsprung disease and stem cell-based rescue

Jevans Benjamin^{*1}, Li Shuqi¹, McAteer Tara¹, McCann Connor¹, Cooper Fay², Peruzza Luca³, Perin Silvia³, Tsakiridis Anastis⁴

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²School of Biosciences, The University of Sheffield, Sheffield - United Kingdom

³University of Padova, Department of Comparative Biomedicine and Food Science, Padova - Italy

⁴School of Biosciences, The University of Sheffield, Sheffield - United Kingdom

NGS21783-93 *(MU-49, Thursday)*
Inactive rhomboid protein 2 regulates intestinal motility via immune- microbiome interaction

Kim Seulji^{*1}, Jung Kiyoun², Lee Hyun Jung³, Im Jong Pil³, Kim Joo Sung³, Koh Seong-Joon³

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³Department of Internal Medicine and Liver Research Institute, Seoul National University College of Medicine, Seoul - Korea, Republic of

NGS21737-92 *(MU-50, Thursday)*
Insulin like peptide-5 is elevated in bile acid diarrhoea and is associated with a pro-motility role.

Bannon Chris^{*1}, Kay Richard¹, Reimann Frank¹, Gribble Fiona¹, Walters Julian², Wu Tongzhi³, Spiller Robin⁴, Wilson Jonathan⁵, Verdino Petra⁶

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³Adelaide Medical School, University of Adelaide - Australia

⁴University of Nottingham - United Kingdom

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⁶Eli Lilly & Co, Lilly Biotechnology Center, San Diego - United States

NGS21716-89 ★★ ★ *(POD-18, All days)*
International consensus on chronic intestinal pseudo-obstruction in adults

Broeders Bert^{*1}, Tack Jan¹, Soliman Heithem², Stanghellini Vincenzo³

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²University Paris Cité, Hospital Louis Mourier, Department of Gastroenterology, Colombes - France

³University of Bologna, Department of Medical and Surgical Sciences - Italy

NGS21838-94 *(MU-51, Thursday)*
Intestinal Angioedema – Another Uncommon Presentation

Pascal Rodica^{*1}, Marc Alexandru¹

¹County Emergency Hospital Sibiu, Gastroenterology Department, Sibiu - Romania

NGS21733-88 ★★ ★ *(POD-19, All days)*
Investigation of enteric neurons in the P2X7 receptor knockout mice (P2X7R -/-) in an chronic ulcerative colitis model

Figueiroa de Souza Roberta^{*1}, Antonio Ferreira Caetano Marcos¹, Castelucci Patricia¹

¹University of São Paulo - Department of Anatomy - São Paulo - Brazil

NGS21709-91 *(MU-52, Thursday)*
Is the P-CAB test Effective in Patients with Globus?

Lee Seon-Mi^{*1}, Lim Chul-Hyun¹, Oh Jung-Hwan¹, Choi Hyun-Ho²

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²Department of gastroenterology, Uijeongbu St.Mary's hospital - Korea, Republic of

NGS21789-99 *(MU-53, Thursday)*
Mapping and defining the mechanisms underlying coordinated contractile activity in the developing human gut.

Jevans Benjamin¹, Chanpong Atchariya¹, Perin Silvia¹, Cairns Ben¹, Tagdiwala Parth¹, McCann Conor J^{*1},

Peruzza Luca², Vanden Berghe Pieter³, Hennig Grant⁴

¹UCL Great Ormond Street Institute of Child Health, London - United Kingdom

²University of Padova, Department of Comparative Biomedicine and Food Science, Padova - Italy

³University of Leuven, Department of Clinical and Experimental Medicine, Leuven - Belgium

⁴University of Vermont, Department of Pharmacology, Burlington - United States

NGS21802-85 *(MU-55, Thursday)*
MRI-based quantitative assessments of gastric function in diabetic gastroparesis

Mark Esben Bolvig^{*1}, Liao Donghua¹, Poulsen Maria Bitsch¹, Brock Christina¹, Drewes Asbjørn¹, Rosca Vadim², Drug Vasile², Rusu Roxana³, Gheorghe Liliana³, Froekjaer Jens Broendum⁴

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NGS21689-98 *(MU-56, Thursday)*
Neuron-derived mediators regulate macrophage phenotype in a human iPSCs-derived model

De Marco Elisabetta^{*1}, Stakenborg Nathalie¹, Delfini Marcello¹, Hussein Hind¹, Vandeput Marte¹, Appeltans Iris¹, Boeckxstaens Guy¹

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NGS21970-91 *(MU-57, Thursday)*
Not just a number: The effects of aging on ENS progenitor cells and how to turn back the clock

Neckel Peter^{*1}, Scharr Melanie¹, Scherer Simon²

¹University of Tübingen, Insitute of Clinical Anatomy & Cell Analysis - Germany

²University Children's Hospital Tübingen, Department of Pediatric Surgery - Germany

NGS21972-93 *(MU-58, Thursday)*
Omalizumab as a novel immunomodulatory in the management of irritable bowel syndrome: A systematic review

Haziri Taibe^{*1}

¹University Clinical Center of Kosovo - Kosovo

NGS21578-95 *(MU-59, Thursday)*
Oro-anal Transit Time in Patients with Bowel Symptoms: A Single Centre Study

Aliyu Abdulsalam^{*1}, Prenke Moa¹, Katsumata Ryo¹, Simrén Magnus¹, Törnblom Hans¹

¹Department of Molecular and Clinical Medicine, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Gothenburg - Sweden

NGS21638-92 (MU-60, Thursday)
Physiologic and anatomic characteristics of pelvic floor disorders in inflammatory bowel disease patients
 Livne Margolin Moran*¹, Yehuda Margalit Reuma¹, Merdey Carla¹, Levartovsky Asaf¹, Kopylov Uri¹, Carter Dan¹
¹Sheba medical center - Israel

NGS21674-92 (MU-61 Thursday)
Post-prandial acyl ghrelin infusion in heart failure patients increases gastric emptying rate
 Webb Dominic Luc¹, Hellström Per M*¹, Hage Camilla², Faxén Ulrika², Pironti Gianluigi², Thorvaldsen Tonje², Andersson Daniel², Stahlberg Marcus² Lund Lars²
¹Uppsala University, Medical Sciences, Uppsala - Sweden
²Karolinska Institutet, Medicine, Stockholm - Sweden

NGS21827-92 (MU-62, Thursday)
Postprandial pouch, gallbladder and gastric remnant content visualized with Magnetic Resonance Imaging in patients with sufficient and insufficient weight loss after Roux-en-Y gastric bypass surgery
 van der Burgh Yonta¹, Roelofs Julia¹, Smeets Paul*¹, Deden Laura², Hazebroek Eric², Fortuin Ansje³
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NGS21841-88 (MU-63, Thursday)
Predictors of response of atypical gastro-esophageal reflux disease represented by chronic cough, to treatment with a prolonged high dose Esomeprazole- An open label pilot study
 Dickman Ram*¹, Boltin Doron¹, Gingold-Belfer Rachel¹, Alkan Uri², Tsadok Perets Tsachi³, Issa Nidal⁴, Schweinstein Hagai⁵
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NGS21655-91 (MU-64, Thursday)
Proton pump inhibitor combined with mosapride citrate is effective in gastroesophageal reflux by improving delayed gastric emptying. – preliminary results –
 Kim Beom Jin*¹, Park Jae Yong¹, Kim Jae Gyu¹
¹Chung-Ang University College of Medicine - Korea, Republic of

NGS21842-89 (MU-65, Thursday)
Psychological and clinical factors mediate post-COVID-19 irritable bowel syndrome
 Keren Hod^{1,2*}, Giovanni Marasco^{3,4*}, Luigi Colecchia³, Cesare Cremon^{3,4}, Maria Raffaella Barbaro³, Giulia Cacciari^{3,4}, Francesca Falangone⁵, Anna Kagramanova^{6,7}, Dmitry Bordin^{6,8,9}, Vasile Drug¹⁰, Egidia Miftode¹¹, Pietro Fusaroli¹², Salem Youssef Mohamed¹³, Chiara Ricci¹⁴,

Massimo Bellini¹⁵, M. Masudur Rahman¹⁶, Luigi Melcarne¹⁷, Javier Santos^{18,19,20}, Beatriz Lobo²¹, Serhat Bor²¹, Suna Yapali²², Deniz Akyol²³, Ferdane Pirincci Sapmaz²⁴, Yonca Yilmaz Urun²⁵, Tugce Eskazan²⁶, Altay Celebi²⁷, Huseyin Kacmaz²⁸, Berat Ebik²⁹, Hatice Cilem Binicier³⁰, Mehmet Sait Bugdayci³¹, Munkhtsetseg Banzragch Yağci³², Husnu Pullukcu²³, Berrin Yalinbas Kaya²⁵, Ali Tureyen²⁵, İbrahim Hatemi²⁶, Elif Sitre Koc²², Goktug Sirin²⁷, Ali Riza Caliskan²⁸, Goksel Bengi³⁰, Esra Ergun Alis³³, Snezana Lukic³⁴, Meri Trajkovska³⁵, Dan Dumitras-cu³⁶, Antonello Pietrangelo³⁷, Elena Corradini³⁷, Magnus Simren³⁸, Jessica Sjölund³⁸, Navkiran Tornkvist³⁸, Uday C Ghoshal³⁹, Olga Kolokolnikova⁴⁰, Antonio Colecchia⁴¹, Jordi Serra⁴², Giovanni Maconi⁴³, Roberto De Giorgio⁴⁴, Silvio Danese⁴⁵, Piero Portincasa⁴⁶, Antonio Di Sabatino⁴⁷, Marcello Maggio⁴⁸, Elena Philippou⁴⁹, Yeong Yeh Lee⁵⁰, Daniele Salvi⁴, Alessandro Venturi⁴, Claudio Borghi^{3,4}, Marco Zoli^{3,4}, Paolo Gionchetti^{3,4}, Pierluigi Viale^{3,4}, Vincenzo Stanghellini^{3,4} and Giovanni Barbara^{3,4} for the GI-COVID19 study group.

Members of the GI-COVID19 study group: Alessio Piccentini³, Mariam Shengelia⁶, Valeriy Vechorko⁵¹, Carla Cardamone¹², Claudia Agabiti Rosei¹⁴, Christian Lambiase¹⁵, Francesco Rettura¹⁵, Marc Pedrosa¹⁷, Adoración Nieto^{18,19,20}, Claudia Barber^{18,19,20}, Alejandro Henao^{18,19,20}, Caterina Campoli^{3,4}, Dragana Mijac³⁴, Milos Korac⁵², Uros Karic⁵², Aleksandar Markovic⁵², Ana Najdeski⁵², Dafina Nikolova³⁵, Marija Dimzova³⁵, Orly Lior⁵³, Nadav Shinar⁵³, Ori Perelmutter⁵³, Yehuda Ringel⁵³, Cristina Marica Sabo³⁶, Ana Chis³⁶, Gregorio Bonucchi³⁷, Giacomo Pietro Ismaele Caio⁴⁴, Caterina Ghirardi⁴⁴, Beatrice Marziani⁴⁴, Barbara Rizzello⁴¹, Ariadna Aguilar⁴², Mohamad Khalil⁴⁶, Agostino Di Ciaula⁴⁶, Domenica Maria Di Palo⁴⁶, Giovanni Marconi⁵⁴, Michele Di Stefano⁴⁷, Sara Tagliaferri⁴⁸, Juan Enrique Naves⁵⁵, Andrea Galli⁵⁶, Gabriele Dragoni⁵⁶, Laurentiu Nedelcu⁵⁷, Milena Stevanovic⁵⁸, Ance Volkanovska Nikolovska³⁴, Antonio Capogreco⁵⁹, Alessio Aghemo⁵⁹, Paula Antonia Mauloni^{3,4}, Sara Del Vecchio^{3,4}, Luca Rotondo^{3,4}, Federica Capuani^{3,4}, Davide Montanari^{3,4}, Francesco Palombo^{3,4}, Clara Paone^{3,4}, Giada Mastel^{3,4}, Claudia Fontana^{3,4}, Lara Bellacosa^{3,4}, Rosanna F. Cogliandro^{3,4}

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NGS21938-95 (MU-66 Thursday)
Psychological Interventions for Patients with Disorders of the Gut-Brain Interaction (DGBIs)
 Hamilton Zoe*¹, Brugaletta Concetta¹
¹University College London Hospitals - United Kingdom

NGS21815-89 (MU-67, Thursday)
Refractory form of constipation-predominant irritable bowel syndrome: a differential-diagnostic problem
 Troskot Peric Rosana*¹, Stanic Gabrijela², Jandric Du-bravka², Bakula Branko³, Kodric Franjo⁴, Jurcic Dragan⁴
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³Abdominal Surgery Department, University Hospital Sveti Duh, Zagreb - Croatia
⁴Gastroenterology and Hepatology Department, University Hospital Sveti Duh, Zagreb - Croatia

NGS21831-87 (MU-68, Thursday)
Regional and sex-specific characterisation of the oxytocinergic system in the mouse gastrointestinal tract
 Vinola-Renart Carla*¹, Schellekens Harriet², Uhlig Friederike², Hyland Niall³
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NGS21901-85 (MU-69, Thursday)
Relationship between decreased mucosal integrity and reflux symptoms
 Barry Lillian*¹, Guinane Patrick¹, Pooja Pooja¹, Houlihan Diarmaid¹, Jackson Lucina¹, Stack William¹, Buckley Donal²
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NGS21606-87 (MU-70, Thursday)
Relationship of Urgency and Sensation of Incomplete Evacuation with other Factors in Irritable Bowel Syndrome (IBS)

Aliyu Abdulsalam*¹, Katsumata Ryo, van Gils Tom, Algera Joost, Törnblom Hans, Simrén Magnus¹

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NGS21693-93 (MU-71, Thursday)
Role of the leptin receptor in regulating intestinal stem cell lineage specification in human intestinal organs: impact of obesity

Boel Shari*¹, Farhadipour Mona¹, Thijs Theo¹, Depoortere Inge¹, Dubois Antoine², Ceulemans Laurens², Deleus Ellen³, Van der Schueren Bart³, Lannoo Matthias³

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NGS21634-88 (MU-73, Thursday)
Study evaluating the role of blood vessel-associated macrophages in the gut-vascular barrier during steady-state and infection

Pajk Nika*¹, Logist Maxime¹, Wang Zheng¹, Van Re-moortel Samuel¹, Appeltans Iris¹, Stakenborg Nathalie¹, Boeckstaens Guy¹, Viola Maria Francesca²

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NGS21858-96 (MU-74, Thursday)
Study of the effects of the cannabinoid receptor agonists arachidonyl-2-chloroethylamide and (+)-WIN 55,212-2 on cholinergically-mediated contractions of the human circular colonic muscle

Curro Diego*¹, Lorenzon Laura², Persiani Roberto³

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NGS21717-90 (MU-75, Thursday)
The French consensus on idiopathic gastroparesis in adults and children

Soliman Heithem*¹, Wuestenberghs Fabien², Caron Nicolas³, Gourcerol Guillaume⁴

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NGS21890-92 (MU-76, Thursday)
The microbiota-derived metabolite deoxycholic acid regulates enteric neuron activity and connectivity and is associated with autism spectrum disorder

Le Dréan Morgane E*¹, Ganachaud Baptiste¹, Rebion Maeva¹, Marchix Justine¹, Le Berre-Scoul Catherine¹, Talon Sophie¹, Neunlist Michel¹, Caillaud Martial¹, Boudin Hélène¹, Leboyer Marion²

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NGS21755-92 (MU-77, Thursday)
The Role of C1qa Muscularis Macrophages in Modulating Synaptic Processes

D'Ambrosio Mario*¹, Ortiz Sebastian¹, Eldesouki Mohamed¹, Linden David R¹, Beyder Arthur¹, Farrugia Gianrico, Cipriani Gianluca¹, Liu Yuanhang², Traserra Sara³, Jimenez Marcel³

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³Universitat Autònoma de Barcelona - Spain

NGS21628-91 (MU-79, Thursday)
Transient Anal Sphincter Relaxations in Fecal Incontinence: Insights from 3D High- Definition Anorectal Manometry

Felix Tellez Francisco Alejandro*¹, Jimenez Castillo Raul Alberto¹, Garcia Zermeno Karla Rocio¹, Amieva Balmori Mercedes¹, Alvarez Tiburcio Zyanya Patricia¹, Suarez Fernandez Marianela¹, Vargas Basurto Jose Luis¹, Remes Troche Jose Maria¹

¹Instituto de investigaciones medico-biológicas, Veracruz - Mexico

NGS21818-92 ★★ ★ (POD-20, All days)
Volatile organic compound profiling in breath using GC-QTOF-MS discriminates patients with irritable bowel syndrome from healthy controls

Moonen Elias*¹, Lamote Kevin¹, Velichkova Stefaniya¹, Zwijsen Kathleen¹, Truyen Laila¹, De Man Joris¹, De Winter Benedicte¹, De Schepper Heiko²

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07 POSTER EXHIBITION
 13.15 – 14.00h
Others

NGS21596-95 (OT-01, Friday)
A novel approach to evaluate the link between meal intake and gastrointestinal symptoms, and daily fluctuation of symptoms in irritable bowel syndrome

Katsumata Ryo*¹, Törnblom Hans¹, van Gils Tom¹, Ibrahim Aliyu Abdulsalam¹, Algera Joost¹, Simrén Magnus¹

¹Department of Molecular and Clinical Medicine, Institute of Medicine, University of Gothenburg, Gothenburg - Sweden

NGS21677-95 (OT-02, Friday)
A Novel Non-Invasive Wearable Device Providing Electrical Stimulation for the Treatment of Fecal Incontinence: Proof of Concept

Mazor Yoav¹, Berman Galia¹, Brun Rita², Weishahi Eifad², Lysy Joseph³, Livovsky Dan M*³

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²Rambam Health Care Campus, Haifa - Israel

³Digestive Diseases Institute, Shaare Zedek Medical Center, and Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem - Israel

NGS21680-89 (OT-03, Friday)
A Retrospective Study to Evaluate the Practice Patterns for Eosinophilic Esophagitis in Korea

Kim Sujin*¹, Choi Cheolwoong¹, Park Subum¹

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NGS21891-93 (OT-04, Friday)
A Study for Every Second Day Administration of Tegoprazan for Maintenance Treatment of Non-erosive Reflux Disease: A Randomized, Multicenter, Double-blind, Active Controlled Study

Kwon Joong Goo*¹, Bae June Hwa¹, Jo Hyeong Ho¹, Kim Eun Young¹, Kwon Yong Hwan², Jeon Seong Woo², Chung Yun Jin², Lee Ju Yup³, Park Kyung Sik³, Lee Si Hyung⁴

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²Kyungpook National University School of Medicine - Korea, Republic of

³Keimyung University School of Medicine - Korea, Republic of

⁴Yeungnam University College of Medicine - Korea, Republic of

NGS21763-91 (OT-05, Friday)
Analysis of Patient and Clinician User Needs for a Daily Symptom-Logging Tool for Chronic Gastroduodenal Symptoms

Law Mikaela¹, Humphrey Gayl¹, Gharibans Armen¹, O'Grady Greg¹, Calder Stefan¹, Sebaratnam Gabrielle², Pickering Isabella³, Daker Charlotte⁴, Andrews Christopher*⁵

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NGS21687-96 (OT-06, Friday)
Argon plasma coagulation versus endoscopic resection for the treatment of gastric adenomas: A systematic review and meta-analysis

Choi Jaeyoung*¹, Lee Sangpyo, Lee Gangnyeong¹

¹Division of Gastroenterology, Department of Internal Medicine - Hanyang University College of Medicine, Seoul - Korea, Republic of

NGS21761-89 (OT-07, Friday)
Characterising the Prevalence and Impact of Poor Sleep in Patients with Disorders of Gut-Brain Interaction: Validation of a Novel, Brief Assessment Tool

Law Mikaela*¹, Gharibans Armen¹, O'Grady Greg¹, Calder Stefan¹, Roper Christopher², Pickering Isabella², Andrews Christopher*³

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NGS21916-91 (OT-08, Friday)
Clinical outcomes of endoscopic radiofrequency Stretta therapy for gastroesophageal reflux disease treatment: A Korean multicenter retrospective analysis

Kim Do Hoon*¹, Jung Hwoon-Yong¹, Lim Hyun²

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²Hallym University Sacred Heart Hospital, College of Medicine, Hallym University - Korea, Republic of

NGS21747-93 (OT-09, Friday)
Clinical Significance of Multiple Rapid Swallow Testing in High-Resolution Manometry

Dagci Gizem*¹, Agargun Besim Fazil¹, Telli Pelin¹, Gurbanov Asim¹, Yagli Mehmet Akif¹, Genc Ulucen Sezen¹, Rustamzade Aynura¹, Cavus Bilger¹, Ciftcibasi Ormeci Asli¹, Akyuz Filiz¹

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NGS21876-96 (OT-10, Friday)
Clinical value of the symptom association probability on secondary treatment outcomes in abnormal acid reflux patients

Takahashi Satsuki*¹, Matsumura Tomoaki¹, Sonoda Michiko¹, Ozaki Tomomi¹, Kaneko Tatsuya¹, Ohta Yuki¹, Taida Takashi¹, Okimoto Kenichiro¹, Kato Jun¹, Kikuchi Atsuko²

¹Department of Gastroenterology, Chiba University Hospital - Japan

²Department of Clinical Engineering Center, Chiba University Hospital - Japan

NGS21640-85 (OT-11, Friday)
Comparing the Efficacy of Potassium-Competitive Acid Blockers and Proton Pump Inhibitors for Erosive Esophagitis: A Systematic Review and Network Meta-analysis

Jung Da Hyun¹, Son Nak-Hoon², Huh Cheal Wung*³

¹Department of Internal Medicine, Severance Hospital, Yonsei University College of Medicine - Korea, Republic of

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NGS21729-93 (OT-12, Friday)

Effectiveness of Botulinum Toxin Injections in the Management of Achalasia in Elderly Patients

Wishahi Eifad*¹, Gorelik Yuri¹, Arraf Tarek¹, Postnikov Maria¹, Brun Rita¹

¹Gastroenterology Institute, Rambam Health Care Campus and The Ruth and Bruce Rappaport Faculty of Medicine, Technion–Israel Institute of Technology, Haifa- Israel

NGS21645-90 (OT-13, Friday)

Efficacy of Targeted Rehabilitation Treatments for Fecal Incontinence in Women: A Pragmatic Clinical Trial Based on Pathophysiological Mechanisms

Raventos Alba*¹, Clave Pere¹, Espano Danie¹, Bascompte Cristina¹

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NGS21926-92 (OT-14, Friday)

Efficacy of y-aminobutyric acid Supplementation on Symptoms and Quality of Life in IBS-D Patients.

A Randomized, Crossover Study

Lambiase Christian*¹, Cancelli Lorenzo¹, Tedeschi Riccardo¹, Grosso Antonio¹, Bottari Andrea¹, de Bortoli Nicola¹, Bellini Massimoy¹

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NGS21814-88 (OT-15, Friday)

Electrical stimulation of human isolated stomach, similar to that for treatment of gastroparesis, directly stimulates enteric nerve activity

Makwana Raj¹, De Rasis Enrica¹, Sanger Gareth J*¹, Gharibans Armen², Loy John³, Hossain Naveen³, Al-Asadi Oday³, Mok Jessica³

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³Bariatric Surgery Department, Homerton University Hospital, London - United Kingdom

NGS21971-92 (OT-16, Friday)

Eosinophilic Esophagitis: The Hidden Impact on Quality of Life

Camoes Neves Joana*¹, Guimaraes Andreia¹, Damasceno Jose¹, Vaz Conde Patricia¹, Mendes Sofia¹, Goncalves Raquel¹, Costa Dalila¹

¹Gastroenterology Service, Braga Hospital - Portugal

NGS21878-98 (OT-17, Friday)

Evaluating Bioinformatic Pipelines for 16S rRNA Sequencing and Their Effect on Study Outcomes

Mulder Danique*¹, Emile Natasha Eugenia¹, Szopinska-Tokov Joanna¹, Arias Vasquez Alejandro¹, Bloemendaal Mirjam²

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NGS21853-91 (OT-18, Friday)

Evaluating Daily Stress in Patients with IBS: A Comparison of Experience Sampling Self-Reports and Wearable-Derived Physiological Data

Hawinkels Kimberly*¹, Bosman Michelle¹, Keszthelyi Daniel¹

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NGS21822-87 ★★ ★ (POD-21, All days)

Exploring Symptoms of Avoidant/Restrictive Food Intake Disorder in Patients with Disorders of Gut-Brain Interaction

Mikhael-Moussa Hiba*¹, Desprez Charlotte², Gourcerol Guillaume², Leroi Anne-Marie², Aupetit Alexandra³, Melchior Chloé³, Achamrah Najate⁴

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NGS21754-91 ★★ ★ (POD-22, All days)

Impact of Nanoplastics on Intestinal Health: A Preclinical Study under Control and Western Nutritional Stress Conditions

Lieb Gott Chloé*¹, Bezirard Valérie¹, Beaufrand Catherine¹, Canlet Cécile¹, Robert Hervé¹, Eutamene Hélène¹, Mercier-Bonin Muriel¹, Miguel Sophie², Reynaud Stéphanie², Richard Mathias³

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NGS21909-93 (OT-20, Friday)

Ineffective esophageal motility: is there any correlation with symptoms and pathological acid exposure time?

Katsila Sofia*¹, Kakounis Konstantinos¹, Mavrikos Manolis¹, Dardanis Giorgos¹, Seretis Fotis², Triantafyllou Tania³, Saliaris Konstantinos³, Mela Evgenia³, Theodorou Andreas³, Theodorou Dimitrios³

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NGS21908-92 (OT-21, Friday)

Innovative strategies for preserving myenteric neurons in chronic chagas disease: insights from a murine model

Araujo Eduardo Jose Almeida*¹, Machado Camila Cristina Alves¹, da Silva Emanuel Perez Floro¹, Dionisio Joyce Hellen Ribeiro¹, dos Santos Lucas Felipe², Bispo Marcelle Lima Ferreira³, Pinge-Filho Phileno⁴

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Londrina - Brazil

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³Department of Chemistry, State University of Londrina - Brazil

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NGS21964-94 (OT-22, Friday)

Integration of Multicellular Intestinal Organoids in a 3D Sensor System for the Acquisition of Functional Data from the Gut Wall

Schulte Steven*¹, Nowduri Bharat¹, Meyszner Antoine¹, Baumann Benjamin¹, Britz-Grell Anette¹, Rabe Holger¹, Saumer Monika¹, Schäfer Karl-Herbert¹, Weisgerber Marie-Claire², Koch Klaus Peter²

¹Department of Informatics and Microsystems Technology, Kaiserslautern University of Applied Sciences, Zweibrücken - Germany

²Department of Engineering, Trier University of Applied Sciences, Trier - Germany

NGS21567-93 (OT-23, Friday)

Intrarectal injections of botulinum toxin for the treatment of urge fecal incontinence: Long-term results of an FI-Toxin cohort study

Desprez Charlotte*¹, Gourcerol Guillaume¹, Leroi Anne-Marie¹, Brochard Charlene², Vitton Véronique³, Etienney Isabelle⁴, Zerbib Frank⁵, Mion Francois⁶, Queralt Michel⁷, Amarenco Gérard⁸

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⁵CHU de Bordeaux, Centre Médico-chirurgical Magellan, Hôpital Haut-Levêque, Department of Gastroenterology, Université de Bordeaux, INSERM CIC 1401, Bordeaux - France

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NGS21816-90 (OT-24, Friday)

Is esophageal high-resolution manometry still necessary in the evaluation of GERD? A comparative study based on esophageal pH monitoring results

Maradey-Romero Carla*¹, Livne Margolin Moran¹, Carter Dan¹, Sheba Medical Center. Faculty of Medical & Health Sciences, Tel Aviv University - Israel

NGS21745-91 (OT-25, Friday)

Linking interoceptive awareness to grey matter volumes in moderate to severe irritable bowel syndrome

Evripidou Myria*¹, Barazani Nawroz, Orell Gustav¹,

Walter Susanna¹, Lundberg Peter², Icenhour Adriane³

¹Department of Gastroenterology, Department of Health, Medicine, and Caring Sciences, Linköping University, Linköping - Sweden

²Center for Medicine Imaging and Visualization Science (CMIV), Department of Radiation Physics, Department of Medical and Health Sciences, Linköping University, Linköping - Sweden

³Department of Affective Neuroscience, Ruhr University Bochum, Bochum - Germany

NGS21807-90 (OT-26, Friday)

Low-frequency, long pulse-width electrical stimulation of human stomach overrides pacemaker mechanisms controlling rhythmic muscle contractility

Makwana Raj¹, De Rasis Enrica¹, Sanger Gareth*¹, Gharibans Armen², Loy John³, Hossain Naveed³, Al-Asadi Oday³, Mok Jessica³

¹Blizard Institute, Faculty of Medicine and Dentistry, Queen Mary University of London - United Kingdom

²Department of Surgery and Auckland, Bioengineering Institute, University of Auckland, Auckland - New Zealand

³Bariatric Surgery Department, Homerton University Hospital, London - United Kingdom

NGS21921-87 (OT-28, Friday)

Monitoring intestinal and microbiota biomarkers from faecal pellets from mice

Miller Chlo*¹, Shafik Verena¹, Yeoman Mark¹, Patel Bhavik¹

¹University of Brighton, Brighton - United Kingdom

NGS21829-94 ★★ ★ (POD-23, All days)

Non-instrumental biofeedback for abdominal distension: placebo controlled trial

Barber Claudia¹, Serra Jordi¹, Pribic Teodora², Azpiroz Fernando*²

¹Digestive System Research Unit. Vall d'Hebron Research Institute, Barcelona - Spain

²Vall d'Hebron Research Institute, Barcelona - Spain

NGS21743-89 (OT-29, Friday)

Open Label Efficacy Analysis of Tradipitant in Idiopathic and Diabetic Gastroparesis

Carlin Jesse*¹, Polymeropoulos Christos¹, Fisher Michaela¹, Johannsen Garrett¹, Xiao Changfu¹, Birznieks Gunther¹, Polymeropoulos Mihael¹

¹Vanda Pharmaceuticals, Inc. - United States

NGS22002-78 (OT-31, Friday)

Optimizing the clinical potential of a novel pH sensitive analgesic in a preclinical colitis model

Parkar Nabil*¹, Jiménez-Vargas Nestor Nivardo¹, Blazevic Lisa¹, Vanner Stephen¹, Stein Christoph²

¹Gastrointestinal Diseases Research Unit, Queen's University, Kingston, ON - Canada

²Charité-Universitätsmedizin Berlin, Berlin - Germany

NGS21591-90 (OT-32, Friday)

Patient Experiences of Person-centered Multidisciplinary Treatment in Irritable Bowel Syndrome - A qualitative interview study

Gustavsson Julia*¹, Sjö Dahl Jenny², Orell Gustav, Barazani Nawroz², Korwel Katarina Marta², Walter Susanna², Pihl-Lesnovska Katarina², Ingemansson Anna³, Enthoven Paul⁴

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NGS21679-97 (OT-33, Friday)

Predictive Factors of Esophageal Symptom Improvement after Botox Injection in Patients with Esophagogastric Junction Outflow Obstruction

Kim Sujin^{*1}, Choi Cheolwoong¹, Park Subum¹

¹Pusan National University Yangsan Hospital - Korea, Republic of

NGS21894-96 (OT-34, Friday)

Premedication with azithromycin improves Food Residue at Endoscopy in Patients Who Have Previously Undergone subtotal gastrectomy

Cha Ra Ri¹, Kim Hyun Jin^{*2}, Shin Jeong Eun³

¹Department of Internal Medicine, Gyeongsang National University College of Medicine - Korea, Republic of

²Department of Internal Medicine, Gyeongsang National University College of Medicine - Korea, Republic of

³Division of Gastroenterology, Department of Internal Medicine, Dankook University Hospital - Korea, Republic of

NGS21945-93 (OT-35, Friday)

Prescribing Practices of Polyethylene Glycol for Chronic Constipation: Results from a National Survey among Italian Gastroenterologists and General Practitioners

Lambiase Christian^{*1}, Bellini Massimo¹, Gatta Luigi², Chiriatti Alberto³, D'Alba Lucia⁴, Galeazzi Francesca⁵, Bassotti Gabrio⁶, Neri Maria Cristina⁷, Battaglia Edda⁸, Marrocco Walter⁹

¹Gastrointestinal Unit, Regional Center for Functional and Motility Digestive Disorders, Department of Translational Research and New Technologies in Medicine and Surgery, University of Pisa, Pisa - Italy

²Gastroenterology Unit, ASL Toscana Nord-Ovest, Versilia Hospital, Lido di Camaiore - Italy

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⁵Gastroenterology Unit, Azienda Ospedale Università di Padova, Padua - Italy

⁶Gastroenterology & Hepatology Section, Department of Medicine and Surgery, University of Perugia, Perugia - Italy

⁷Gastroenterology Unit, Geriatric Institute Pio Albergo Trivulzio, Milan - Italy

⁸Gastroenterology Unit, ASL TO4 Chiavasso-Ciriè-Ivrea, Turin - Italy

⁹Primary Care Physician Azienda Sanitaria Locale (ASL), Roma 5, Tivoli, Rome - Italy

NGS21975-96 (OT-36, Friday)

Psychosocial Care Gaps of Paediatric Gastroenterology

Patients by Diagnosis-Related Group

Jain Eisha^{*1}, Mutalib Mohamed²

¹University of California, San Francisco - United States

²Guy's and St Thomas' NHS Foundation Trust - United Kingdom

NGS21927-93 (OT-37, Friday)

Quality of life in patients with functional dyspepsia undergoing neuromodulatory treatment at a tertiary care hospital in Puebla, México.

Espinoza Villalobos Isaac David^{*1}, Sanchez Reza Laura¹,

Gonzalez Bravo Emma Ixchel¹, Herrera Gomez Salvado¹

¹Mexican Social Security Institute - Mexico

NGS21644-89 ★ ★ ★ (POD-24, All days)

Randomized Clinical Trial Evaluating the Dose-Efficacy of Cortical rTMS and Lumbosacral rTLS on Anorectal Neurophysiology in Healthy Volunteers

Mundet Lluís^{*1}, Raventos Alba¹, Karunaratne Buddhika¹,

Clave Pere¹

¹Consorti Sanitari del Maresme - Spain

NGS21675-93 ★ ★ ★ (POD-25, All days)

Randomized Clinical Trial on the Efficacy of Combined Anorectal Biofeedback and Posterior Tibial Nerve Stimulation Versus Biofeedback Monotherapy in the Treatment of Fecal Incontinence

Naves Juan^{*1}, Iglesias Judith¹, Alonso Maria del Carmen¹,

Iglesias Nerea¹, Carot Laura¹, Bessa Xavier¹, Barba Elizabeth², Ezquerro Alberto²

¹Hospital del Mar (Barcelona) - Spain

²Hospital Clinic (Barcelona) - Spain

NGS21974-95 (OT-38, Friday)

Refining High-Resolution Manometry Protocols for Real-Life Swallowing

Patoni Cristina^{*1}, Ionita Radu Florentina¹, Jinga Mariana¹,

Dumitru Andrada¹, Bucurica Sandica²,

¹Central Military Emergency Hospital Dr. Carol Davila Bucharest - Romania

²Bucharest - Romania

NGS21746-92 (OT-39, Friday)

Responder Analysis for the Efficacy of Tradipitant in Idiopathic and Diabetic Gastroparesis

Carlin Jesse^{*1}, Polymeropoulos Christos¹, Fisher Michaela¹,

Johannsen Garrett¹, Xiao Changfu¹, Birznieks Gunther¹

¹Polymeropoulos Mihael, Vanda Pharmaceuticals, Inc. - United States

NGS21809-92 (OT-40, Friday)

Risk factors for complication of percutaneous endoscopic gastrostomy in patients with amyotrophic lateral sclerosis

LEE Sang Pyo^{*1}, Lee Kang Nyeong¹, Choi Jae Young¹, Lee Oh Young¹

¹Hanyang University College of Medicine - Korea, Republic of

NGS21834-90 (OT-42, Friday)

Rome constipation symptoms augmented by reported painful defecation predict specific subtypes of refractory bowel disorder

Lambiase Christian^{*1}, Bellini Massimo¹, Morganti Riccardo²,

Popa Stefan Lucian³, Chiarioni Giuseppe⁴

¹Gastrointestinal Unit, Department of Translational Research and New Technologies in Medicine and Surgery, University of Pisa, Pisa - Italy

²Clinical Trial Statistical Support Unit, Azienda Ospedaliero Universitaria Pisana, Pisa - Italy

³2nd Medical Department, Iuliu Hațieganu University of Medicine and Pharmacy, Cluj-Napoca - Romania

⁴l Cerchio Med HealthCare, Verona, Italy; 5) UNC Center for Functional GI and Motility Disorders, University of North Carolina at Chapel Hill, Chapel Hill, NC - United States

NGS21631-85 (OT-43, Friday)

Routine esophagram in the postintervention management after peroral endoscopic myotomy (POEM) - a retrospective analysis

Vojtko Marek^{*1}, Duricek Martin¹, Demeter Michal¹,

Banovcin Peter¹

¹Jessenius Faculty of Medicine, University Hospital in Martin, Clinic of Internal Medicine Gastroenterology, Martin - Slovakia

NGS21572-89 (OT-44, Friday)

Symptoms of neurogastrointestinal and motility dysfunction in liver cirrhosis patients with and without hepatocellular carcinoma

Boryczka Grzegorz¹, Waluga Marek^{*1}

¹Department of Gastroenterology and Hepatology, Faculty of Medical Sciences in Katowice - Poland

NGS21828-93 (OT-45, Friday)

Temporal Patterns of Improvements in Dysphagia Symptoms in Response to Dupilumab in Adults and Adolescents With Eosinophilic Esophagitis: Post Hoc Analysis of Part C of the LIBERTY EoE TREET Study

Dellon Evan¹, Chehade Mirna², Bredenoord Albert³,

Spergel Jonathan⁴, Zerbib Frank^{*5}, Xia Changming⁶,

Thomas Ryan⁶, Raphael Bram⁶, Tilton Sarette⁷, Zaghloul Sherif⁸

¹Center for Esophageal Diseases and Swallowing, University of North Carolina School of Medicine, Chapel Hill - United States

²Mount Sinai Center for Eosinophilic Disorders, Icahn School of Medicine at Mount Sinai, New York - United States

³Amsterdam University Medical Center, Amsterdam - Netherlands

⁴Division of Allergy and Immunology, Children's Hospital of Philadelphia, Perelman School of Medicine at University of Pennsylvania School of Medicine, Philadelphia - United States

⁵Université de Bordeaux, Bordeaux - France

⁶Regeneron Pharmaceuticals Inc., Tarrytown - United States

⁷Sanofi, Cambridge - United States

⁸Sanofi, Bridgewater - United States

NGS21788-98 (OT-46, Friday)

The efficacy and safety of Stretta procedure for the treatment of GERD: a single center study

Cho Yu Kyung^{*1}, Kang Donghoon¹, Park Jae Myung¹, Kim Il-soo¹, Cho Young Seok²

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²Seoul - Korea, Republic of

NGS21912-87 (OT-47, Friday)

The Gut Brain Axis and obesity: A neurogastroenterological perspective

Haziri Taibe^{*1}

¹University Center Clinic of Kosovo - Kosovo

NGS21712-85 (OT-48, Friday)

The impact of overlapping disorders of gut-brain interaction (DGBI) in patients with irritable bowel syndrome (IBS)

Katsumata Ryo^{*1}, Midenfjord Irina¹, van Gils Tom¹,

Ibrahim Aliyu Abdulsalam¹ Törnblom Hans¹, Simrén Magnus¹

¹Department of Molecular and Clinical Medicine, Institute of Medicine, University of Gothenburg, Gothenburg - Sweden

NGS21906-90 (OT-49, Friday)

The Overlooked Symptom: Incomplete Evacuation in Patients with Faecal Incontinence

Sjödahl Jenny^{*1}, Walter Susanna¹, Ingemansson Anna²

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²Department of Gastroenterology and Hepatology, and Department of Biomedical and Clinical Sciences, Linköping University, Linköping - Sweden

NGS21808-91 (OT-50, Friday)

The role of IgE in eosinophilic oesophagitis in the paediatric population

Pavlou Harry^{*1}, Banoub Hany¹, Ayaz Mashhood¹, Chong Sonny¹

¹Queen Mary's Hospital for Children, London - United Kingdom

NGS21884-95 (OT-51, Friday)

The short-chain fatty acid butyrate rescues gut amyloid-β pathology in an Alzheimer mouse model

Brossaud Rodrigue¹, Oullier Thibault¹, Mahe Maxime¹,

Paille Vincent², Neunlist Michel³, Cisse Moustapha^{*3}

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³Nantes Université, CHU Nantes, INSERM, The enteric nervous system in gut and brain disorders, IMAD, F-44000 Nantes - France

NGS21583-91 (OT-52, Friday)

Trainees' Exposure to the Field of Neurogastroenterology and Motility in Internal Medicine and General Surgery Residency Programs

Cohen Daniel¹, Richter Vered¹, Shirin Haim¹, Bermont Anton¹,

Mari Amir^{*2}, Shibli Fahmi³, Brun Rita⁴, Arraf Tarek⁵,

Mazor Yoav⁶, Schweistein Hagai⁷

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⁶Rappaport Faculty of Medicine, Technion Israel Institute of Technology, Haifa, Israel

⁷Gastroenterology Department, Rambam Health Care Campus, Haifa - Israel

⁸Gastroenterology Department, Tel Aviv Sourasky Medical Center, Tel Aviv - Israel

⁷Division of Gastroenterology, Rabin Medical Center, Petah Tikva - Israel

NGS21699-99 *(OT-53, Friday)* Transperineal ultrasound could be a complementary tool in the investigation of defecation disorders

Ingemansson Anna^{*1}, Walter Susanna², Sjö Dahl Jenny²

¹Department of Gastroenterology and Hepatology, and Department of Biomedical and Clinical Sciences, Linköping University, Linköping - Sweden

²Department of Gastroenterology and Hepatology, Linköping and Department of Health, Medicine and Caring Sciences, Linköping University, Linköping - Sweden

NGS21969-99 *(OT-54, Friday)* Treat-to-Target in Eosinophilic Esophagitis: The Impact of Going Beyond Clinical Remission

Camoes Neves Joana^{*1}, Vaz Conde Patricia¹, Damasceno José¹, Guimaraes Andreia¹, Mendes Sofia¹, Goncalves Raquel¹, Costa Dalila²

¹Gastroenterology Service, Braga Hospital - Portugal

²Porto - Portugal

NGS21641-86 ★★ ★ *(POD-26, All days)* Trends of Colectomy for Chronic Constipation: A Nationwide Population-Based Study in Korea

Oh Shin Ju¹, Kim Jung-Wook¹, Cha Rari², Kim Seong-Jung³, Lee Jung Won⁴, Bae Jun Hwa⁵, Shin Jeong Eun^{*6}, Wang Hoyoung⁷, Park Seon-Young⁸

¹Department of Internal Medicine, Kyung Hee University College of Medicine - Korea, Republic of

²Department of Internal Medicine, Gyeongsang National University School of Medicine Gyeongsang National University Changwon Hospital - Korea, Republic of

³Department of Internal Medicine, Chosun University Hospital, Gwang-Ju - Korea, Republic of

⁴Department of Internal Medicine, Samsung Changwon Hospital, Sungkyunkwan University School of Medicine, Changwon - Korea, Republic of

⁵Department of Internal Medicine, Daegu Catholic University School of Medicine, Daegu - Korea, Republic of

⁶Dankook University College of Medicine, Cheonan Hospital - Korea, Republic of

⁷Department of Internal Medicine, Ulsan University Hospital, University of Ulsan College of Medicine, Ulsan - Korea, Republic of

⁸Department of Internal Medicine, Chonnam National University Medical School, Gwangju - Korea, Republic of

NGS21676-94 *(OT-55, Friday)* What do air-traffic control and esophageal contraction vigour have in common? A case report

Ladic Agata^{*1}, Milosevic Marko¹, Babic Zarko¹, Grgurevic Ivica¹, Karacic Mirko², Knezevic Stromar Ivana³

¹Department of Gastroenterology, Hepatology and Clinical Nutrition, Clinical Hospital Dubrava, Zagreb - Croatia

²Department of the Aviation Medicine, Ministry of Defense, Republic of Croatia - Croatia

³Special Hospital Saint Catherine, Zagreb - Croatia

NGS21594-93 *(OT-56, Friday)* Yield of Upper Endoscopy and Predictors of Clinically Relevant Outcomes in Patients with PPI-Refractory Heartburn

Abu Baker fadi¹, Nicola Dorin¹, Natour Randa¹, Gal Oren¹, Abu Alfia Amer¹, Farah Amir², Savarino Edoardo³, Mari Amir^{*4}

¹Gastroenterology Department, Hillel Yaffe MC - Israel

²Surgery, Medical College of Wisconsin, Milwaukee, USA - Israel

³Division of Gastroenterology, Department of Surgery, Oncology and Gastroenterology, University of Padua, 35122 Padua, Italy - Israel

⁴Gastroenterology Department, Nazareth EMMS Hospital, Faculty of Medicine, Bar Ilan University - Israel

08	POSTER EXHIBITION
13.15 – 14.00h	
Pain mechanisms and visceral hypersensitivity	

NGS21731-86 *(PM-01, Saturday)* Acute activation of the aryl hydrocarbon receptor using both natural and synthetic ligands reduces visceral hypersensitivity in a mouse model of Inflammatory Bowel Disease in remission

Habibyan Yasaman^{*1}, Baggio Cristiane¹, Nasser Yasmin¹, Defaye Manon², Altier Christophe², Sharkey Keith²

¹Department of Medicine, Cumming School of Medicine, University of Calgary, Calgary - Canada

²Department of Physiology & Pharmacology, Cumming School of Medicine, University of Calgary, Calgary - Canada

NGS21893-95 *(PM-02, Saturday)* Altered pain responses following pain-related fear learning in patients with inflammatory bowel disease

Ohlmann Hanna^{*1}, Icenhour Adriane¹, Engler Harald², Langhorst Jost³, Elsenbruch Sigrid⁴

¹Department of Medical Psychology and Medical Sociology, Ruhr University Bochum - Germany

²Institute of Medical Psychology and Behavioral Immunobiology, Center for Translational Neuro- and Behavioral Sciences, University Hospital Essen, University of Duisburg-Essen - Germany

³Department for Internal and Integrative Medicine, Sozialstiftung Bamberg; Department for Integrative Medicine, Medical Faculty, University of Duisburg-Essen - Germany

⁴Department of Medical Psychology and Medical Sociology, Ruhr University Bochum; Department of Neurology, Center for Translational Neuro- and Behavioral Sciences, University Hospital Essen - Germany

NGS21839-95 *(PM-03, Saturday)* Central sensitization as a cause of IBS-like symptoms and chronic pelvic pain in patients with quiescent inflammatory bowel disease

Akishina Yulia^{*1}, Bakulin Igor¹

¹North-Western State Medical University named after I.I. Mechnikov - Russian Federation

NGS21663-90 ★★ ★ *(POD-27, All days)* Crosstalk between mast cells and Substance P+ nerve fibres in Gastro-Oesophageal Reflux Disease

Leech Tom^{*1}, Woodland Philip¹, Peiris Madusha¹

¹Queen Mary University of London, London - United Kingdom

NGS21643-88 ★★ ★ *(POD-28, All days)* Dose-dependent effect of the histamine-1-receptor ebastine in non-constipated irritable bowel syndrome

Pia Fedrica^{*1}, Decraecker Lisse¹, Boeckxstaens Guy¹, De Looze Danny², Hirsch David³, De Schepper Heiko⁴, Arts Joris⁵, Bredenoord Albert⁶, Vanuytsel Tim⁷, Belmans Ann⁸

¹Laboratory for Intestinal Neuro-Immune Interaction, Translational Research Center in Gastro-intestinal Disorders (TARGID), Department of Chronic Diseases, Metabolism and Ageing, KU Leuven, Leuven - Belgium

²University Hospital Ghent, Ghent - Belgium

³Rijnstate, Arnhem - The Netherlands

⁴University Hospital Antwerpen, Antwerpen - Belgium

⁵AZ Sint-Lucas Brugge, Brugge - Belgium

⁶Amsterdam UMC, Amsterdam - The Netherlands

⁷Translational Research Center in Gastro-intestinal Disorders (TARGID), Department of Chronic Diseases, Metabolism and Ageing, KU Leuven, Leuven - Belgium

⁸Leuven Biostatistiek en Statistische Bioinformatica Centrum, KU Leuven, Leuven - Belgium

NGS21958-97 *(PM-04, Saturday)* GPR68 mediates acid-evoked nociception in the gut

Paine Luke^{*1}, Gupta Rohit¹, Higham James¹, St John Smith Ewan¹, Bulmer David¹, Bednar Kyle², Welsh Fraser³

¹Department of Pharmacology, University of Cambridge, Cambridge - United Kingdom

²AstraZeneca, Gaithersburg - United States

³AstraZeneca, Cambridge - United Kingdom

NGS21777-96 *(PM-05, Saturday)* Histamine intolerance and DAO deficiency: diagnostic challenges and impact on functional gastrointestinal disorders

Toader Elena^{*1}, Tiron Bianca², Filioreanu Magda³, Marcu Alexandra⁴, Iacob Andreea⁴, Piscuc Mirela⁵

¹"St. Spiridon" Emergency County Hospital, Iasi, Romania - Romania

²"Grigore T. Popa" University of Medicine and Pharmacy, Iasi, - Romania

³Institute of Gastroenterology and Hepatology, "Sfantul Spiridon" County Emergency Clinical Hospital Iasi - Romania

⁴"Grigore T. Popa" University of Medicine and Pharmacy, Iasi - Romania

⁵"St. Spiridon" Emergency County Hospital, Iasi - Romania

NGS21780-90 *(PM-06, Saturday)* Impact of a gastrointestinal infection with Enterobacteriaceae on the intestinal sensibility of the host: involvement of tryptophol

Verduijn Nathalie^{*1}, Ardid Denis¹, Antonio Carvalho Frédéric¹, Rolhion Nathalie², Sokol Harry², Bonnet Mathilde³

¹NeuroDoI, Université Clermont-Auvergne - France

²Centre de recherche Saint-Antoine, Paris - France

³M2ISH, Université Clermont-Auvergne - France

NGS21764-92 *(PM-07, Saturday)* Investigating Urgency in Irritable Bowel Syndrome: Mapping Cortical Associations to Defecation Urges

Barazanji Nawroz^{*1}, Orell Gustav¹, Sjö Dahl Jenny², Evripidou Myria³, Lundberg Peter⁴, Icenhour Adriane⁵, Walter Susanna⁶

¹Department of Health, Medicine and Caring Sciences, Linköping university Linköping - Sweden

²Department of Health, Medicine and Caring Sciences, Lin-

köping University, Linköping - Sweden

³Department of Gastroenterology and Hepatology, University Hospital in Linköping - Sweden

⁴Department of Radiation Physics and Department of Health, Medicine and Caring Sciences, Linköping University, Linköping - Sweden

⁵Department of Affective Neuroscience, Ruhr University Bochum, Bochum - Germany

⁶Department of Health, Medicine and Caring Sciences, Linköping, University Linköping - Sweden

NGS21785-95 *(PM-08, Saturday)* Neural circuitry mediating the affective and evaluative dimensions of interoceptive sensitivity

Labrenz Franziska^{*1}, Icenhour Adriane¹, Elsenbruch Sigrid²

¹Department of Affective Neuroscience, Ruhr University Bochum, Bochum - Germany

²Department of Medical Psychology and Medical Sociology, Ruhr University Bochum, Bochum - Germany

NGS21735-90 *(PM-09, Saturday)* Neuromodulation Over Augmentation? Revisiting the Mechanism of Stretta Therapy

Kostalova Katerina^{*1}, Urbanek Petr¹, Suchanek Stepan¹

¹Department of Medicine, Charles University, 1st Faculty of Medicine and Military University Hospital Prague, Czech Republic - Czech Republic

NGS21744-90 *(PM-10, Saturday)* Role of MRGPRX2-mediated mast cell activation in irritable bowel syndrome

Van Remoortel Samuel^{*1}, Cuende Estevez Maria¹, Decraecker Lisse¹, Pia Fedrica¹, Hussein Hind¹, Boeckxstaens Guy¹, Wykosky Jill², Solomon Michelle³, Wollam Joshua³, Vanden Berghe Pieter⁴

¹Center for Intestinal Neuroimmune Interactions, Translational Research Center for Gastrointestinal Disorders (TARGID), CHROMETA department, KU Leuven, Leuven - Belgium

²Takeda Pharmaceutical Company Limited, Osaka - Japan

³Escient Pharmaceuticals, San Diego (CA), a subsidiary of Incyte Corporation - United States

⁴Laboratory for Enteric Neuroscience (LENS), Translational Research Center for Gastrointestinal Disorders (TARGID), CHROMETA Department, KU Leuven, Leuven - Belgium

NGS21949-97 *(PM-11, Saturday)* Sex-dependent effects of AIN-93M and AIN-93G purified diets on visceral sensitivity and other behavioral parameters in the rat

Gallego-Barcelo Paula¹, Benitez-Alvarez David¹, Bagues Ana¹, Sanchez del Pozo Iris¹, Lopez-Gomez Laura¹, Vera Gema¹, Abalo Raquel^{*1}

¹Dept. of Basic Health Sciences, University Rey Juan Carlos, Madrid - Spain

NGS21601-82 *(PM-12, Saturday)* Single cell transcriptomics reveal mast cell heterogeneity in the human gut in health and Irritable Bowel Syndrome

Hussein Hind^{*1}, Modave Elodie¹, Van Remoortel Samuel¹, Delfini Marcello¹, Quan Runze¹, Stakenborg Nathalie¹, Boeckxstaens Guy¹

¹Translational Research Center for Gastrointestinal Disorders,

KU Leuven, Leuven - Belgium

NGS21868-97 *(PM-13, Saturday)*
Single-cell RNA sequencing reveals alterations in colon-innervating DRG neurons in visceral hyper-sensitive mice

De Gand Sofie*¹, Aguilera-Lizarraga Javier¹, Denadai-Souza Alexandre¹, Xue Yaping¹, Modave Elodie¹, Van Remoortel Samuel¹, Boeckxstaens Guy¹
¹Laboratory for Intestinal Neuro-Immune Interaction, Translational Research Center in Gastro-intestinal Disorders (TARGID), Department of Chronic Diseases, Metabolism and Ageing, KU Leuven, Leuven - Belgium

NGS21686-95 *(PM-14, Saturday)*
Study on the role of antigen cross-reactivity in concomitant allergic airway disease and IBS

Cuende-Estévez Maria¹, Hussein Hind*¹, Appeltans Iris¹, Pia Fedrica¹, Boeckxstaens Guy¹, Vanoirbeek Jeroen², Cuypers Sien³, Backaert Wout³, Van Gerven Laura³, Aguilerra-Lizarraga Javier⁴
¹TARGID, KU Leuven, Leuven - Belgium
²BREATHE, KU Leuven, Leuven - Belgium
³Department of Microbiology, Immunology and Transplantation, KU Leuven, Leuven - Belgium
⁴Department of Pharmacology, University of Cambridge, Cambridge - United Kingdom

NGS21942-90 ★★ *(POD-29, All days)*
The Function of IL-6 Family Cytokines in Inflammation-mediated Gastrointestinal Nociception
 Pritchard Thomas*¹, Bulmer David¹
¹Department of Pharmacology, University of Cambridge - United Kingdom

09 **POSTER EXHIBITION**
 13.15 – 14.00h
Role of the microbiome and diet in health and disease

NGS21903-87 *(RM-01, Saturday)*
A Customized Low Fermentable Oligosaccharides, Disaccharides, Monosaccharides, and Polyols (FODMAP) Diet Improves Symptoms and Quality of Life in Asian Patients with Irritable Bowel Syndrome-Diarrhea (IBS-D)
 Kuang Ziyang Jonathan*¹, Ng Yunn Cheng, Wong Sunn¹
¹Tan Tock Seng Hospital, Singapore - Singapore

NGS21781-91 ★★ *(POD-30, All days)*
A randomized single-blind dose-dependent FODMAP reintroduction in IBS
 Routhiaux Karen*¹, Van den Houte Karen¹, Schaar Lola¹, Vanuytsel Tim¹, Tack Jan¹, Luca Justine², Arts Joris²
¹Translational Research Center for Gastrointestinal Diseases (TARGID), Department of Chronic Diseases and Metabolism (ChroMeta), KU Leuven, Leuven - Belgium
²Department of Gastroenterology, AZ Sint-Lucas, Brugge - Belgium

NGS21779-98 *(RM-02, Saturday)*
Adherence to the Mediterranean diet in a French cohort of patients with irritable bowel syndrome
 Wuestenberghs Fabien*¹, Schmitt Anne-Sophie¹, Jouet Pauline¹, Benallaoua Mourad¹, Ezratty Nicolas¹, Attelly Ludovic¹, Raynaud Jean-Jacques¹, Benamouzig Robert¹, Sabaté Jean-Marc¹
¹Sorbonne Paris Nord University, Department of Gastroenterology, Avicenne Hospital (AP-HP), Bobigny - France

NGS21966-96 *(RM-03, Saturday)*
Altered faecal microbiome abundance is associated with the severity of idiopathic bile acid diarrhoea
 J.M. Garcia-Illarramendi¹, A.M. Gonzalez-Castro², E. Exposito¹, A. Rodriguez¹, A. Rueda¹, S. Mendez¹, C. Alonso-Cotoner³, J. Santos³, M. Vicario⁴, B. Lobo*³
¹Laboratory of Neuro-Immuno-Gastroenterology, Vall d'Hebron Institut de Recerca (VHIR) Barcelona - Spain
²Laboratory of Neuro-Immuno-Gastroenterology, Vall d'Hebron Institut de Recerca (VHIR) CIBEREHD, Barcelona - Spain
³Laboratory of Neuro-Immuno-Gastroenterology, Vall d'Hebron Institut de Recerca. Gastroenterology Department, University Hospital Vall d'Hebron. CIBEREHD, Barcelona - Spain
⁴Translational Mucosal Immunology laboratory, Vall d'Hebron Institut de Recerca (VHIR) Barcelona - Spain

NGS21965-95 *(RM-04, Saturday)*
Antidepressant treatment of IBS: Action of St. John's wort on gut microbiota
 Grafakou Maria Eleni¹, Pferschy-Wenzig Eva-Maria¹, Bauer Rudolf¹, Aziz-Kalbhenn Heba², Kelber Olaf*³
¹University of Graz, Institute of Pharmaceutical Sciences, Department of Pharmacognosy, University of Graz, Graz - Austria
²Medical Affairs, Phytomedicines Supply and Development Center, Bayer Consumer Health, Steigerwald Arzneimittelwerk GmbH, Darmstadt - Germany
³Phyto & Biotics Tech Platform, Phytomedicines Supply and Development Center, Bayer Consumer Health, Steigerwald Arzneimittelwerk GmbH, Darmstadt - Germany

NGS21691-91 *(RM-05, Saturday)*
Butyrate protects myenteric neurons and reduces TNF-α in experimental ulcerative colitis through GPR43 and GPR109A receptors
 Caetano Marcos Antonio Ferreira*¹, Souza Roberta Figueiroa¹, Castellucci Patricia¹, de Paulo Caroline Bures²
¹Department of Anatomy, Institute of Biomedical Sciences, University of São Paulo, São Paulo - Brazil
²Department of Surgery, School of Veterinary Medicine and Animal Sciences, University of São Paulo, São Paulo - Brazil

NGS21864-93 ★★ *(POD-31, All days)*
Changes induced by faecal microbiota transplantation (FMT) in patients with irritable bowel syndrome (IBS)
 El-Salhy Magdy*¹, Skarvatun Tore¹, Kjelsvik Steinsvik Elisabeth¹, Gilja Odd Helge¹, Lihaug Hoff Dag Arne², Lohoida Vasyl², Lunding Johan³, Hatlebakk Jan Gunnar⁴
¹Department of Clinical Medicine, University of Bergen, Bergen, and National Centre for Functional Gastrointestinal Disorders, Department of Medicine, Haukeland University Hospital, Bergen - Norway
²Department of Health Sciences, Faculty of Medicine and Health Sciences, Norwegian University of Science and Technology, and Department of Medicine, Ålesund Hospital, Møre and

Romsdal Hospital Trust - Norway
³Department of Medicine, Diakonhjemmet Hospital, Oslo - Norway
⁴Department of Clinical Medicine, University of Bergen, Bergen, National Centre for Functional Gastrointestinal Disorders, Department of Medicine, Haukeland University Hospital, Bergen - Norway

NGS21612-84 *(RM-06, Saturday)*
Efficacy of Bifidobacterium bifidum G9-1 in improving quality of life in patients with chronic constipation: a multicenter, double-blind, randomized controlled trial
 Misawa Noboru¹, Nakajima Atsushi*¹, Kessoku Takaomi²
¹Yokohama City University School of Medicine - Japan
²International University of Health and Welfare Narita Hospital - Japan

NGS21885-96 *(RM-07, Saturday)*
Gut microbiota, short-chain fatty acids and stress: associations with cortisol reactivity and self-reported stress responses
 Fuchs Annalena*¹, Verbeke Kristin, Van Oudenhove Lukas¹, Proost Sebastian², Derrien Muriel², Raes Jeroen², Clevers Egbert³, Dalile Boushra⁴
¹Translational Research Center in Gastrointestinal Disorders (TARGID), Department of Chronic Diseases and Metabolism, Faculty of Medicine, KU Leuven, Leuven - Belgium
²Center for Microbiology, VIB, Leuven - Belgium
³De Datastrateeg (The Data Strategist), Duiven - Netherlands
⁴Laboratory of Biological Psychology, Faculty of Psychology and Educational Sciences, KU Leuven, Leuven - Belgium

NGS24416-89 *(RM-08, Saturday)*
Gut Reactions: The enduring effects of early-life high-fat/high-sugar exposure on feeding behavior are sensitive to Bifidobacterium
 Cuesta-Marti Cristina¹, Uhlig Friederike¹, Valderrama Benjamin¹, Clarke Ger¹, O Mahony Siobhain¹, Schellekens Harriet*¹, Stoltenborg Iris², Dickson Suzanne², Stanton Catherine³
¹APC Microbiome Ireland, University College Cork, Cork - Ireland
²University of Gothenburg, Gothenburg - Sweden
³Teagasc Food Research Centre, Cork - Ireland

NGS21962-92 *(RM-09, Saturday)*
Gut transit time shapes microbial composition and metabolites: insights into Microbiome-Health Interactions
 Cancino Javiera¹, Von Mühlenbrock Christian*¹, Nunez Paulina¹, Quera Rodrigo¹, Martinez Luz¹, Zazueta Alejandra², Gotteland Martin², Magne Fabien²
¹Clínica Universidad de los Andes, Santiago - Chile
²Universidad de Chile, Santiago - Chile

NGS21956-95 *(RM-10, Saturday)*
In vitro vs. in vivo studies on the interaction of natural products with the gut microbiota: The example of STW 5
 Wächter Jana¹, Koehler Luca¹, Kelber Olaf*¹, Khayyal Mohamed²
¹Phyto & Biotics Tech Platform, Phytomedicines Supply and Development Center, Bayer Consumer Health, Steigerwald Arzneimittelwerk GmbH, Darmstadt - Germany
²Department of Pharmacology and Toxicology, Faculty of Pharmacy, Cairo University, Cairo - Egypt

NGS21883-94 *(OT-41, Saturday)*
Interaction Between Probiotics and Synbiotics as Modulators of Gut Microbiota for Weight Managing and Metabolic Health
 Anton Carmen Rodica*¹, Timofte Oana¹, Gologan Elena², Anton Sorana Caterina²
¹University of Medicine and Pharmacy "Grigore T. Popa", "St. Spiridon" Emergency Hospital - Romania
²University of Medicine and Pharmacy "Grigore T. Popa", Iasi - Romania

NGS21570-87 *(RM-12, Saturday)*
Is methane producing flora clinically relevant?
 von Mühlenbrock Christian*¹, Quera Rodrigo¹, Pacheco Nicole¹, Madrid Ana Maria², Quigley Eamon³
¹Universidad de los Andes, Santiago - Chile
²Universidad de Chile, Santiago - Chile
³Houston Methodist Hospital, Houston - United States

NGS21787-97 ★★ *(POD-16, All days)*
Long-Term Effects of Gluten Exclusion on Gut Microbiota and Symptoms in Non-Celiac Gluten / Wheat Sensitivity Patients, those with Celiac Disease and Healthy Individuals: A 200-Day Study
 A. Costanzini¹, L. Lungaro¹, F. Manza¹, A. Seidita², E. Boschetti³, P. Mansueto², A. Carroccio², N. Segata⁴, U. Volta⁴, G. Caio¹, R. De Giorgio¹
¹Department of Translational Medicine, University of Ferrara, Ferrara - Italy
²Department of Health Promotion Sciences, Maternal and Infant Care, Internal Medicine and Medical Specialties (PROMISE), University of Palermo, Palermo - Italy
³Department of Biomedical and Neuromotor Sciences (DIBINEM), University of Bologna, Bologna, Italy
⁴Department of Cellular, Computational and Integrative Biology (CIBIO), University of Trento, Trento - Italy
⁵Department of Medical and Surgical Sciences (DIMEC), University of Bologna, Bologna - Italy

NGS21604-85 *(RM-13, Saturday)*
Microbiome Alterations in Hirschsprung Disease and Enterocolitis: Insights into Pathogenesis and Potential Therapeutic Strategies
 Tjaden Naomi*¹, Tanes Ceylan¹, Wolfson Sharon¹, Benitez Alain¹, Degunia Amanda¹, Bittinger Kyle¹, Heuckeroth Robert¹, Graham Kahleb²
¹Division of Gastroenterology, Hepatology and Nutrition, Children's Hospital of Philadelphia, Philadelphia - United States
²Department of Pediatrics, University of Cincinnati College of Medicine, Cincinnati - United States

NGS21931-88 ★★ *(POD-33, All days)*
Microbiome Predictors and Longitudinal Dynamics in Asian Patients with Irritable Bowel Syndrome-Diarrhea (IBS-D) Consuming a Low FODMAP (Fermentable Oligosaccharides, Disaccharides, Monosaccharides, and Polyols) Diet
 Kuang Ziyang Jonathan*¹, Ng Yunn Cheng¹, Chung Chi Kong Arthur, Chang Sabrina Lolani, Wong Hei Sunny²
¹Tan Tock Seng Hospital, Singapore - Singapore
²Lee Kong Chian School of Medicine Centre for Microbiome Medicine, Singapore - Singapore

NGS21946-94 *(RM-14, Saturday)*
Microbiota and Metabolome Modulation by Food-Derived Lactic Acid Bacteria in an Elderly Colon Model Using the SHIME® System

Mosiej Wioletta^{*1}, Zielinska Dorota¹, Oczkowski Michal¹, Krolkowski Tomasz¹, Kruk Marcin¹, Stefanova Denitsa², Krych Lukasz², Nielsen Dennis²

¹Warsaw University of Life Sciences - Poland

²University of Copenhagen - Denmark

NGS21866-95 *(RM-15, Saturday)*
Prevalence and characteristics of avoidant/restrictive food intake disorder in gastrointestinal disorders

Routhiaux Karen^{*1}, Van den Houte Karen¹, Balsiger Lukas¹, Raymenants Karlien¹, Broeders Bert¹, Verheyden Annelies¹, Vanuytsel Tim¹, Tack Jan¹, Jones Michael², Burton-Murray Helen³

¹Translational Research Center for Gastrointestinal Diseases (TARGID), Department of Chronic Diseases and Metabolism (ChroMeta), KU Leuven, Leuven - Belgium

²Faculty of Human Sciences, Macquarie University, NSW - Australia

³Department of Psychiatry Massachusetts General Hospital/ Harvard Medical School - United States

NGS21957-96 *(RM-16, Saturday)*
Protective effects of STW 5 against changes in the microbiome in experimental functional dyspepsia

Khayyal Mohamed¹, Kelber Olaf^{*2}

¹Department of Pharmacology, Faculty of Pharmacy, Cairo University, Cairo - Egypt

²Medical Affairs, Phytomedicines Supply and Development Center, Bayer Consumer Health, Steigerwald Arzneimittelwerk GmbH, Darmstadt - Germany

NGS21748-94 *(RM-17, Saturday)*
Sodium butyrate prevents damage to collagen fibres in the extracellular matrix of mice subjected to experimental ulcerative colitis

de Paulo Caroline¹, Caetano Marcos², Castelucci Patricia^{*3}

¹School of Veterinary Medicine and Animal Science, Department of Surgery, University of São Paulo, São Paulo - Brazil

²Department of Anatomy, Institute of Biomedical Sciences, University of São Paulo, São Paulo - Brazil

³Institute of Biomedical Sciences, University of São Paulo, Department of Anatomy, São Paulo - Brazil

NGS21652-88 *(RM-18, Saturday)*
Supplementation with Bifidobacterium longum 35624 is associated with improvements in gastrointestinal and wellbeing outcomes in children with irritable bowel syndrome-type symptoms

Sorensen Katy¹, Upton Lucy², Quinlan Gillian³, Belov Mary⁴, Bejnrod Asker⁵, Quigley Eammon Martin Mary^{*6}

¹Clinical Development, Novozymes A/S (part of the Novonesis group), Bagsvaerd - Denmark

²The Children's Dietitian Ltd, Stratford-Upon-Avon and The Feeding Trust, Birmingham - United Kingdom

³Department of Dietetics, University Hospital Limerick, Limerick - Ireland

⁴Department of Primary Care Dietetics, HSE West & North West, Galway - Ireland

⁵Data Science, Novozymes A/S (part of the Novonesis group), Bagsvaerd - Denmark

⁶Lynda K and David M Underwood Center for Digestive Health, Houston Methodist Hospital, Houston, Texas - United Kingdom

NGS21786-96 *(RM-19, Saturday)*
The DOMINO FODMAP-light diet app improves symptoms in tertiary care patients with IBS

Routhiaux Karen^{*1}, Schaar Lola¹, Warnant Manon¹, Vanuytsel Tim¹, Van den Houte Karen¹, Tack Jan¹

¹ranslational Research Center for Gastrointestinal Diseases (TARGID), Department of Chronic Diseases and Metabolism (ChroMeta), KU Leuven, Leuven - Belgium

NGS21805-88 *(RM-20, Saturday)*
The effect of chitosan supplementation on various health factors and gut microbiota composition in Icelandic females with different body mass index: A placebo-controlled, double-blind, block-randomized trial

Runarsdottir Thelma Run^{*1}, Halldorsson Thorhallur Ingi¹, Marteinsson Viggo Thor¹, Skirnisdottir Sigurlaug², Corral-Jara Karla², Klonowski Alexandra², Thors Hildur³, Hardardottir Hjordis³, Gudjonsdottir Marta⁴

¹Faculty of Food Science and Nutrition, School of Health Sciences, University of Iceland - Iceland

²Microbiology Research Group, Matis ohf., Reykavík - Iceland

³Reykjalundur Rehabilitation Center, Mosfellsbaer - Iceland

⁴Faculty of Medicine, School of Health Sciences, University of Iceland - Iceland

NGS21720-84 *(RM-21, Saturday)*
The impact of starch- and sucrose-reduced diet and low FODMAP diet on gut microbiota composition and diversity in irritable bowel syndrome

Nseir Mohamed¹, Roth Bodil¹, Ohlsson Bodil^{1*}, Rasmussen Jacob Agerbo², Moll Janne Marie², Nielsen Henrik Bjorn², D'Amato Mauro³

¹Lund University, Lund - Sweden

²Cmbio, København - Denmark

³Department of Medicine and Surgery, Casamassima - Italy

10	POSTER EXHIBITION
13.15 – 14.00h	
Technologies for the assessment of gastrointestinal motility and perception	

NGS21896-98 ★ ★ ★ *(POD-34, All days)*
A simple, non-instrumental biofeedback technique for anal incontinence: placebo controlled trial

Benslaïman Bouchra^{*1}, Agustino Sandra¹, Azpiroz Fernando¹, Serra Jordi¹

¹Vall Hebron University Hospital - Spain

NGS21940-88 *(TF-01, Saturday)*
Abnormal Oesophageal Motility is Associated with Partial PPI Response in Patients with LPR Symptoms

Endersby James^{*1}, Mills Holly¹, Fikree Asma¹, Sweis Rami¹, De Silva Minerva², Hayat Jamal²

¹University College London Hospitals NHS Trust, London - United Kingdom

²St. George's University Hospitals NHS Trust, London - United Kingdom

NGS21582-90 *(TF-02, Saturday)*
An Indication-Based Analysis of the Yield and Findings of Esophageal High-Resolution Manometry

Mari Amir^{*1}, Hijazi Mahammed², Shirin Haim³, Malkin Daniela³, Cohen Daniel³, Hijazi Basem⁴

¹Gastroenterology Department, Nazareth EMMS Hospital, Faculty of Medicine, Bar Ilan University - Israel

²Bar Ilan University - Israel

³The Gonczarowski Family Institute of Gastroenterology and Liver Disease, Shamir (Assaf Harofeh) Medical Center, Zerifin, 70300 - Israel

⁴The Azreili Faculty of Medicine, Bar Ilan University - Israel

NGS21705-87 *(TF-03, Saturday)*
Applicability And Diagnostic Value Of Chicago Classification 4.0 In Assessing Esophageal Motility Disorders In Systemic Sclerosis: A Retrospective Single-Center Study

Mendes Francisco¹, Almeida Maria Joao^{*1}, Santos Ana Luisa¹, Peixoto Armando¹, Macedo Guilherme¹, Marques-Gomes Carlos², Diz-Lopes Mariana², Bernardes Miguel², Costa Lucia², Santos Ines³

¹Gastroenterology Department, Centro Hospitalar Universitário São João, Porto - Portugal

²Rheumatology Department, Centro Hospitalar Universitário São João, Porto - Portugal

³Rheumatology Department, Unidade Local de Saude Tondela Viseu - Portugal

NGS21760-88 *(TF-04, Saturday)*
Assessing the impact of meal volume on body surface gastric mapping metrics in healthy controls

Fitt India¹, Law Mikaela¹, Johnston Gen¹, Varghese Chris¹, Gharibans Armen¹, O'Grady Greg^{*1}, Calder Stefan¹, Daker Charlotte², Simmonds Sam³, Andrews Christopher⁴

¹Department of Surgery, University of Auckland, Auckland - New Zealand

²The Department of Gastroenterology, Te Whatu Ora - Waitematā - New Zealand

³Alimetry Ltd., Auckland - New Zealand

⁴The Division of Gastroenterology, Cumming School of Medicine, University of Calgary - Canada

NGS21795-96 *(TF-05, Saturday)*
Assessing the Tolerability of Oesophageal Manometry: A Comparison of Water-Perfused and Solid-State Systems.

Pitcher Charlotte^{*1}, Vasant Dipesh¹

¹Manchester University NHS Foundation Trust - United Kingdom

NGS21706-88 *(TF-06, Saturday)*
Association Between Esophageal Symptoms And High-Resolution Manometry Findings In Systemic Sclerosis: Enhancing Motility Assessment With The Multiple Rapid Swallow Test

Mendes Francisco¹, Almeida Maria Joao^{*1}, Santos Ana

Luisa¹, Peixoto Armando¹, Macedo Guilherme¹, Marques-Gomes Carlos², Diz Lopes Mariana², Bernardes Miguel², Costa Lucia², Santos Ines³

¹Gastroenterology Department, Centro Hospitalar Universitário São João, Porto - Portugal

²Rheumatology Department, Centro Hospitalar Universitário São João, Porto - Portugal

³Rheumatology Department, Unidade Local de Saude Tondela Viseu - Portugal

NGS21973-94 *(TF-07, Saturday)*
BSGM study in 9 Children with Gastroparesis

Chong Sonny^{*1}, Stubbs Sharon¹, O'Connor Annie², Banoub Hany³, Ayaz Mashhood⁴

¹Epsom & St Helier Hospitals NHS Trust, QMHC Carshalton - United Kingdom

²St Georges Hospital - United Kingdom

³Epsom & St Helier Hospitals NHS Trust, QMHC, Carshalton - United Kingdom

⁴ST Georges, Epsom & St Helier Hospitals NHS Trust (GESH) - United Kingdom

NGS21724-88 *(TF-08, Saturday)*
Clinical outcomes and safety of per-oral endoscopic myotomy and the diagnostic value of Endo-luminal Functional Lumen Imaging Probe: A single-center retrospective study

Lee Myung-Hun¹, Kim Sung Eun^{*1}, Jung Kyoungwon¹, Park Moo In¹

¹Department of Internal Medicine, Kosin University College of Medicine, Busan - Korea, Republic of

NGS21813-87 *(TF-09, Saturday)*
Comparative analysis of pelvic floor diagnostic modalities: Assessing agreement and accuracy in detecting dyssynergia and anatomic abnormalities

Berman Galia^{*1}, Shoham Ori¹, Webb Muriel¹, Teschler Mark¹, Ben-Ami Shor Dana¹, Ron Yisha¹, Dekel Roy¹, Mazor Yoav¹, Bar Nir¹

¹Neurogastroenterology, Department of Gastroenterology and Hepatology, Tel Aviv Sourasky Medical Center, Tel Aviv - Israel

NGS21701-83 *(TF-10, Saturday)*
Could oesophageal dysmotility and manometric differences in gastro-oesophageal pressure gradients contribute to reflux in people with cystic fibrosis?

Keyse Charlotte^{*1}, Archbold Sharon¹, Pitcher Charlotte¹, McKinnie Karen¹, Smith Jaclyn¹, Jones Andrew¹, Lord Robert¹, Vasant Dipesh¹

¹Manchester University NHS Foundation Trust - United Kingdom

NGS21718-91 *(TF-11, Saturday)*
Design and manufacturing of novel devices for real-time recording of the electrophysiological activity in the mouse colon

Wojcicki Karol^{*1}, Sobolewski Aleksander¹, Planchette Arielle¹, Gora Michalina¹, Cabara Yoseline¹

¹Wyss Center for Bio and Neuroengineering, Geneva - Switzerland

NGS18028-91 *(TF-12, Saturday)*

Evaluation of Transcutaneous, EBUS, and EUS Approaches for Diagnosing Esophageal Lesions at the Neck Level

Bubnov Rostyslav^{*1}, Serhiienko Anatolii²

¹Kyiv - Ukraine

²Clinical Hospital 'Pheophania' - Ukraine

NGS21765-93 (TF-01, Saturday)

Development, Feasibility, And Preliminary Validity of a Digital Gastric Symptom and Well-Being Diary for Adolescents with Gastroduodenal DGBIs

Humphrey Gayl¹, Gharibans Armen¹, Law Mikaela², Calder Stefan², Xu Binghong³, Sadaka Christian³, Benitez Alain, Mousa Hayat³, Andrews Christopher⁴, O'Grady Gregory^{*5}

¹Faculty of Medical and Health Sciences, University of Auckland, Auckland, and Alimetry Ltd; Auckland - New Zealand

²Faculty of Medical and Health Sciences, University of Auckland, Auckland, and Alimetry Ltd; Auckland - New Zealand

³Division of Gastroenterology, Children's Hospital of Philadelphia, Philadelphia - United States

⁴Division of Gastroenterology, Cumming School of Medicine, University of Calgary, Calgary - Canada

⁵Faculty of Medical and Health Sciences, University of Auckland, Auckland and Alimetry Ltd. Auckland - New Zealand

NGS21820-85 (TF-13, Saturday)

Diagnostic performance of pH-impedance (pH-Z) monitoring for the assessing duodenogastroesophageal reflux (DGER) in revisional bariatric surgery (RBS). Comparison with spectrophotometric bilirubin concentration monitoring (Bilitec2000)

Ezquerria-Duran Alberto^{*1}, Nunez Jorge,¹ Siles Jhoana¹, Lleixà Marc,¹ Araujo Isis¹, Barba Elizabeth¹, Ibarzabal Ainitze², Osorio Javier²

¹Gastroenterology Department, Hospital Clínic de Barcelona, Barcelona - Spain

²Gastrointestinal Surgery Department, Hospital Clínic de Barcelona, Barcelona - Spain

NGS21630-84 (TF-14, Saturday)

Diagnostic utility of visual assessment of anorectal manometry plots in functional defecatory disorders: a cross-sectional diagnostic concordance study

Felix Tellez Francisco Alejandro^{*1}, Jimenez Castillo Raul Alberto¹, Garcia Zermeno Karla Rocio¹, Remes Troche Jose Maria¹, Arenas Martinez Josealberto Sebastiano², Ordóñez Vázquez Ana Luisa², Coss Adame Enrique², Barba Orozco Elizabeth³

¹Instituto de Investigaciones Medico-Biológicas, Veracruz - Mexico

²Instituto de ciencias medicas y nutricion "Salvador Zubiran", Mexico City - Mexico

³Hospital Clinic, Barcelona - Spain

NGS21919-94 (TF-15, Saturday)

Double-blind placebo-controlled cross-over MRI study evaluating the acute effect of codeine and naloxegol on gastric motility in healthy volunteers

Verheyden Annelies^{*1}, Salien Amy¹, Makovec Ziva², Mark Ebsen³, Naim Iyad⁴, Menys Alex⁴, Tack Jan⁵

¹Translational Research Center for Gastrointestinal Disorders

(TARGID), Department of Chronic Diseases, Metabolism and Ageing, KU Leuven, Leuven - Belgium

²University Medical Centre Ljubljana - Slovenia

³Mech-Sense, Department of Gastroenterology and Hepatology, Aalborg University Hospital and Department of Clinical Medicine, Aalborg University, Aalborg - Denmark

⁴Centre for Medical Imaging, University College London, Motilient, London - United Kingdom

⁵Translational Research Center for Gastrointestinal Disorders (TARGID), Department of Chronic Diseases, Metabolism and Ageing, KU Leuven, and University Hospital of Leuven, Leuven - Belgium

NGS21918-93 (TF-16, Saturday)

Double-blind placebo-controlled cross-over MRI study evaluating the effect of codeine and naloxegol on stomach volumes and gastrointestinal symptoms in healthy volunteers

Verheyden Annelies^{*1}, Salien Amy¹, Makovec Ziva², Mark Ebsen³, Naim Iyad⁴, Menys Alex⁴, Tack Jan⁵

¹Translational Research Center for Gastrointestinal Disorders (TARGID), Department of Chronic Diseases, Metabolism and Ageing, KU Leuven, Leuven - Belgium

²University Medical Centre Ljubljana - Slovenia

³Mech-Sense, Department of Gastroenterology and Hepatology, Aalborg University Hospital and Department of Clinical Medicine, Aalborg University, Aalborg - Denmark

⁴Centre for Medical Imaging, University College London, Motilient, London - United Kingdom

⁵Translational Research Center for Gastrointestinal Disorders (TARGID), Department of Chronic Diseases, Metabolism and Ageing, KU Leuven, and University Hospital of Leuven, Leuven - Belgium

NGS21566-92 (TF-17, Saturday)

Dynamic Functional Luminal Imaging Probe analysis of the anal sphincter opening function during straining in healthy volunteers

Desprez Charlotte^{*1}, Leroi Anne-Marie¹, Gourcerol Guillaume¹, Zifan Ali², Duflot Thomas³

¹Department of Digestive Physiology, CHU Rouen, Rouen, France - France

²Department of Medicine, Division of Gastroenterology, University of California, La Jolla, CA - United States

³Normandie University, UNIROUEN, Inserm U1096, CHU Rouen, Department of Pharmacology, CIC-CRB 1404, F-76000 Rouen - France

NGS21879-99 (TF-18, Saturday)

Dysphagia in rheumatological disorders: the experience of a tertiary referral center from North-Eastern Romania

Petrea Oana Cristina^{*1}, Trifan Anca¹, Barboi Oana Bogdana¹, Ciortescu Irina¹ Coseru Alexandru Ionut¹, Drug Vasile Liviu¹, Stanciu Carol²

¹University of Medicine and Pharmacy "Grigore T. Popa", "Saint Spiridon" Hospital, Institute of Gastroenterology and Hepatology Iasi - Romania

²"Saint Spiridon" Hospital, Institute of Gastroenterology and Hepatology Iasi - Romania

NGS21980-92 (TF-19, Saturday)

EndoFLIP® in Achalasia Diagnosis and Management: A Key Tool to Manometry Limitations

Goncalves Ana Raquel^{*1}, Peixoto Armando¹, Santos Ana Luisa¹, Macedo Guilherme¹

¹University Central Hospital of São João - Portugal

NGS21981-93 (TF-20, Saturday)

EndoFLIP® in the Initial Evaluation of Dysphagia: A Diagnostic and Therapeutic Game-Changer in Esophageal Motility Disorders

Goncalves Ana Raquel^{*1}, Peixoto Armando¹, Santos Ana Luisa¹, Macedo Guilherme¹

¹University Central Hospital of São João - Portugal

NGS21954-93 (TF-21, Saturday)

Evaluating the Experience Sampling Method as a digital tool for real time symptom reporting in those with Inflammatory Bowel Diseases

Aurangzeb Ismaeel¹, Idrees Ruqaya¹, Ul Haq Ebad¹, Yehuda Margalit Reuma¹, Aziz Qasim¹, Keszthelyi Daniel², Alexandre Adrien David Andre^{*1}

¹Wingate Institute of Neurogastroenterology, Queen Mary University of London - United Kingdom

²Department of Gastroenterology-Hepatology, Maastricht University Medical Center - Netherlands

NGS21722-86 (TF-22, Saturday)

Evaluation of gastroparesis as a marker of disease severity in systemic sclerosis

Alcala-Gonzalez Luis^{*1}, Aguilar Ariadna¹, Barber Claudia¹, Polo Figueras Laura¹, Serra Jordi¹, Malagelada Carolina¹, Guillen del Castillo Alfredo² Codina Claudia², Triginer Laura², Simeon Aznar Carmen Pila²

¹Digestive System Research Unit, Department of Digestive diseases, Vall d'Hebron University Hospital - Spain

²Autoimmune Diseases Unit, Department of Internal Medicine, Vall d'Hebron University Hospital, Barcelona - Spain

NGS21688-97 (TF-23, Saturday)

Ex vivo and in vivo high resolution electrophysiological recordings from the large intestine of mice using a novel miniature endoscope

Sobolewski Aleksander^{*1}, Planchette Arille¹, Wojcicki Karol¹, Cabara Yoseline¹, Gora Michalina¹, Hibberd Tim², Travis Lee², Spencer Nic², Dovgialo Marian³, Wojcik Daniel³

¹Wyss Center for Neuro and Bioengineering, Geneva - Switzerland

²Flinders Health & Medical Research Institute, Flinders University, Adelaide - Australia

³Nencki Institute of Experimental Biology of Polish Academy of Sciences, Warsaw - Poland

NGS21678-96 (TF-24, Saturday)

Feasibility study of orogastric transit in humans with an ingestible bionic device

Donghua Laio^{*1}, Barron Del Solar Giuliana², Guo Xiaomei², Gregersen Hans², Sun Daming³

¹Aalborg Hospital, Aalborg - Denmark

²Calmi2, San Diego - United States

³Chongqing University of Post and Telecommunications, Chongqing - China

NGS21934-91 (TF-25, Saturday)

FLIP assessment in Benign Esophageal strictures

Ezquerria-Duran Alberto^{*1}, Nunez Jorge¹, Siles Jhoana¹, Barba Elizabeth¹, Araujo Isis¹

¹Gastroenterology Department. Hospital Clínic of Barcelona - Spain

NGS21978-99 (TF-26, Saturday)

FLIP Measurements and Short-Term Outcomes after singular EsoFLIP Dilation in Patients with Achalasia

Stuby Johann^{*1}, Schindler Valeria¹ Schnellmann Joel¹, Martinez Jessica¹, Pohl Daniel¹

¹Department of Gastroenterology and Hepatology, University Hospital Zurich, Zurich - Switzerland

NGS21823-88 (TF-27, Saturday)

Functional lumen imaging probe (FLIP) procedure in patients with dysphagia and an inconclusive high-resolution manometry

Maradey-Romero Carla^{*1}, Albshesh Ahmad¹, Saukhat Olga¹, Carter Dan¹

¹Sheba Medical Center. Faculty of Medical and Health Sciences, Tel Aviv University - Israel

NGS21886-97 (TF-28, Saturday)

Gastric alimetry identifies different patterns of gastric electrical activity in scleroderma, mitochondrial diseases and autoimmune autonomic ganglionopathy

Mills Holly¹, Palma Enrico¹, Endersby James¹, Fragkos Konstantinos¹, Zarate Lopez Natalia¹, Fikree Asma^{*1}, Pizzamiglio Chiara², Pitceathly Robert³, Iodice Valeria⁴, Chiaro Giacomo⁴

¹GI Physiology Unit, University College London Hospitals, London - United Kingdom

²Medical Physics Department, King's College Hospital, London - United Kingdom

³Department of Neuromuscular Diseases, University College London, London - United Kingdom

⁴Autonomic Unit, National Hospital for Neurology and Neurosurgery, Queen Square, London - United Kingdom

NGS21812-86 (TF-29, Saturday)

Impact of a relaxation session applied with Virtual Reality prior to High-Resolution Manometry on patients' anxiety and procedure outcome

Aguilar Ariadna^{*1}, Ritieni Camilla¹, Barber Claudia¹, Alcala Luis Gerardo¹, Benslaiman Bouchra¹, Perez-panzano Jose¹, Malagelada Carolina¹, Serra Jordi¹

¹Digestive System Research Unit. University Hospital Vall d'Hebron. Barcelona - Spain

NGS21806-89 (TF-30, Saturday)

Impact of Esophageal Motility Diseases on Upper Esophageal Sphincter Detected through High-Resolution Esophageal Manometry

Triantos Christos^{*1}, Pastras Ploutarchos¹, Aggeleto-poulou Ioanna¹, Geramoutsos Georgios¹, Sotiropoulos Christos¹, Kafetzis Theodora¹, Kimiskidis Nikitas¹, Ampazis Odysseas¹, Voulgaris Theodoros², Kalafateli Maria³

¹Division of Gastroenterology, Department of Internal Medicine, University of Patras, 26504, Patras - Greece

²Medical School of National and Kapodistrian University of

Athens, General Hospital of Athens "Laiko", Academic Department of Gastroenterology, 11527, Athens - Greece

³Department of Gastroenterology, General Hospital of Patras, 26332, Patras - Greece

NGS21350-83 (TF-32, Saturday)

Integrating Anorectal Manometry, Balloon Expulsion and Defecography: Insights into Diagnosing Pelvic Floor Dysfunction.

Zoabi Narmin¹, Carter Dan*¹, Zelikovich Dorit², Kanani Fahim³, Ram Edward⁴, Issa Amina⁴

¹Gastroenterology Department, Sheba Medical Center, Ramat Gan - Israel

²Faculty of Medicine, Ariel University, Ariel - Israel

³Department of Surgery, Tel Aviv Medical Center, Tel Aviv - Israel

⁴Department of Surgery, Sheba Medical Center, Ramat Gan - Israel

NGS21752-89 (TF-33, Saturday)

Interim Analysis of Outcomes for a Digital Prescription Mobile Application for Adults with Rome IV Irritable Bowel Syndrome

Butt Mohsin*¹, Bush Debbie¹, Aliyu Abdul¹, Darie Anamaria¹, Mohanan Aleesha¹, Card Tim¹, Corsetti Maura¹

¹NIHR Nottingham Biomedical Research Centre, University of Nottingham, Nottinghamshire - United Kingdom

NGS21714-87 (TF-34, Saturday)

Investigating Gut Hormone Levels and Symptoms in Patients Prescribed GLP-1R agonists

Aliotta Sofia¹, Bannon Chris*¹, Hlaing Htar Htar¹, Punnoose Austin¹, Kay Richard¹, Gribble Fiona¹, Van Der Klaauw Agatha²

¹Institute of Metabolic Science, University of Cambridge - United Kingdom

²Addenbrooke's Hospital, University of Cambridge - United Kingdom

NGS21959-98 ★★ ★ (POD-35, All days)

Mapping the gut: A miniaturized ingestible sensor for redox balance and segmental transit time monitoring

Even Aniek*¹, Leonardi Francesca¹, van Heusden Arjan¹, Minderhoud Roseanne², Torfs Tom³, Van Helleputte Nick³, Van Hoof Chris³, Capuano Edoardo⁴, de Vries Sonja⁴, Hooiveld Guido⁴

¹OnePlanet Research Center / imec, Wageningen - Netherlands

²Wageningen University & Research / OnePlanet Research Center, Wageningen - Netherlands

³imec, Leuven - Belgium

⁴Wageningen University & Research, Wageningen - Netherlands

NGS21913-88 (TF-35, Saturday)

MRI gastric motility assessment in patients with upper gastrointestinal symptoms using a spatiotemporal motility mapping tool – a proof-of-concept study

Mak Jason*¹, Fitzke Heather¹, Taylor Stuart¹, Hu Tianci², Fikree Asma³, Zarate-Lopez Natalia³

¹University College London Centre for Medical Imaging, London - United Kingdom

²Division of Medicine, University College London, London - United Kingdom

³Research Department of Targeted Intervention, Division of Surgery & Interventional Science, University College London, London - United Kingdom

NGS21651-87 (TF-36, Saturday)

MRI-based quantitative assessments of gastric function from filling to emptying using VIGA (Virtuel Gaster)

Liao Donghua*¹, Poulsen Maria Bitsch¹, Mark Esben Bolvig², Brock Christina², Rosca Vadim³, Drug Vasile³, Rusu Roxana⁴, Gheorghe Liliana⁴, Froekjaer Jens Broendum⁵, Drewes Asbjørn Mohr⁶

¹Mech-Sense, Department of Gastroenterology and Hepatology, Aalborg University Hospital, Aalborg - Denmark

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³University of Medicine and Pharmacy "Gr.T. Popa", Institute of Gastroenterology and Hepatology Iasi, 'Saint Spiridon' Clinical Emergency Hospital, Iasi - Romania

⁴University of Medicine and Pharmacy "Gr.T. Popa" Iasi, Department of Radiology, 'Saint Spiridon' Clinical Emergency Hospital, Iasi - Romania

⁵Mech-Sense, Department of Radiology, Aalborg University Hospital, Department of Clinical Medicine, Aalborg University, Aalborg - Denmark

⁶Mech-Sense, Department of Gastroenterology and Hepatology, Aalborg University Hospital, Department of Clinical Medicine, Aalborg University, Steno Diabetes Center North Denmark, Aalborg - Denmark

NGS21636-90 (TF-37, Saturday)

Non-obstructive dysphagia: A prospective study based on high-resolution manometry

Barboi Oana-Bogdana*¹, Petrea Oana-Cristina¹, Balan Gheorghe¹, Coseru Alexandru-Ionut¹, Vulpoi Radu-Alexandru¹, Floria Diana-Elena¹, Trifan Anca¹, Drug Vasile-Liviu¹

¹University of Medicine and Pharmacy Grigore T Popa Iasi - Romania

NGS21874-94 (TF-38, Saturday)

Objective stomach wall evaluation with MRI: Picking the right tool for the job

Menys Alex*¹, Naim Iyad¹, Bard Andrew¹, Bhatnagar Gauraang²

¹Motilent, London - United Kingdom

²Frimley Health NHS Foundation Trust - United Kingdom

NGS21669-96 (TF-39, Saturday)

Predicting therapeutic response to prokinetics using body surface gastric mapping

Van Hove Sibylle¹, Foong Daphne¹, Calder Stefan¹, Gharibans Armen¹, Daker Charlotte¹, Andrews Christopher¹, O'Grady Greg*¹, Parkman Henry², Abell Thomas³, Ho Vincent⁴

¹Alimetry Ltd, Auckland - New Zealand

²Department of Medicine, Temple University Hospital, Philadelphia, PA - United States

³Division of Gastroenterology, Hepatology and Nutrition, University of Louisville, Louisville, KY - United States

⁴Western Sydney University, Sydney - Australia

NGS21633-87 (TF-40, Saturday)

Psychosocial and Environmental Determinants of Nausea in Patients with Functional Dyspepsia: An Exploratory Experience Sampling Method (ESM) Study

Veldman Fleur*¹, Bosman Michelle¹, Klaassen Tim¹, Vork Lisa, Masclee Ad¹, Keszthelyi Daniel¹, Leue Carsten²

¹Department of Gastroenterology-Hepatology, NUTRIM Research institute of Nutrition and Translational Research in

Metabolism, Maastricht University Medical Center, Maastricht - Netherlands

²Department of Psychiatry, MHeNs Research Institute of Mental Health and Neuroscience, Maastricht University Medical Center, Maastricht - Netherlands

NGS21728-92 (TF-41, Saturday)

Quantitative Analysis of Intestinal Content as a Non-Invasive Predictor of Enteric Dysmotility in Systemic Sclerosis

Alcala-Gonzalez Luis*¹, Barber Claudia¹, Aguilar Ariadna¹, Polo Figueras Laura¹, Serra Jordi¹, Azpiroz Fernando¹, Malagelada Carolina¹, Hui Laura², Ramirez Ivan², Monclus Eva²

¹Digestive System Research Unit, Department of Digestive diseases, Vall d'Hebron University Hospital - Spain

²ViRVIG Group, UPC-BarcelonaTech, Llorens i Artigas, 4-6, Barcelona - Spain

NGS21792-93 (TF-42, Saturday)

Refining Integrated Relaxation Pressure (IRP) Assessment in Hiatal Hernia: Manometric Approach and Clinical Relevance

Nunez-Pizarro Jorge Luis*¹, Siles Jhoana¹, Ezquerro Alberto¹, Araujo Isis¹, Abad Begona¹, Marchante Alicia¹, Barba Elizabeth¹

¹Hospital Clinic de Barcelona - Spain

NGS21657-93 (TF-43, Saturday)

Rethinking the Necessity of Secondary Position in Oesophageal Manometry – A Retrospective Study

Borges Chaves Carlos*¹, Cristiano Margarida¹, Sant'Anna Mariana¹, Agostinho Claudia¹, Souto Paulo¹, Narra Figueiredo Pedro¹

¹Gastroenterology Department, Local Health Unit of Coimbra, Coimbra - Portugal

NGS21740-86 (TF-44, Saturday)

Simultaneous intraluminal stimulation and recording enables functional interrogation of colonic motility in-vivo

Sobolewski Aleksander¹, Planchette Arielle¹, Wojcicki Karol¹, Cabara Yoseline*¹, Gora Michalina¹

¹Wyss Center for Neuro and Bioengineering, Geneva - Switzerland

NGS21778-97 (TF-45, Saturday)

Study on identifying predictive factors for evacuation disorders in patients with 'normal expulsion with abnormal manometric pattern of rectoanal coordination' according to the London classification

Lee Joon Seong*¹, Kim Jin-Oh¹, Lee Tae Hee¹, Park Jun Seok¹, Jeon Seong Ran¹, Kim Hyun Gun¹, Hong Su Jin², Cho Young Sin³

¹Institute for Digestive Research, Digestive Disease Center, Soonchunhyang University College of Medicine, Seoul - Korea, Republic of

²Digestive Disease Center and Research Institute, Department of Internal Medicine, Soonchunhyang University College of Medicine, Bucheon, - Korea, Republic of

³Division of Gastroenterology, Department of Internal Medicine, Soonchunhyang University Cheonan Hospital, Soonchunhyang University College of Medicine. Cheonan - Korea, Republic of

NGS23527-91 (TF-46, Saturday)

Symptomatic, endoscopic, pH metric and proton pump inhibitor trial study for the evaluation of associations with gastroesophageal reflux and atypical symptoms including chronic cough, wheezing, hoarseness, globus and nausea

Kim Jeong Hwan*¹, Song Joo Hye¹, Sung In Kyung¹, Park Jung Ho²

¹Department of Internal Medicine, Konkuk University School of Medicine, Seoul - Korea, Republic of

²Department of Internal Medicine, Gangbuk Samsung Hospital, Sungkyunkwan University School of Medicine, Seoul - Korea, Republic of

NGS21721-85 (TF-47, Saturday)

The distensibility index (DI), assessed by impedance planimetry (IP) (EndoFLIPTM), distinguishes women with suspected functional defecation disorder (FDD) from those with fecal incontinence (FI) and healthy volunteers (HV): Preliminary results

Ezquerro-Duran Alberto*¹, Nunez Jorge¹, Siles Jhoana¹, Lleixà Marc¹, Araujo Isis¹, Barba Elizabeth¹, Ros Cristina²

¹Gastroenterology Department, Hospital Clínic de Barcelona, Barcelona - Spain

²Gynecology Department, Institute Clinic of Gynecology, Obstetrics and Neonatology (ICGON), Hospital Clinic of Barcelona, Universitat de Barcelona, Barcelona - Spain

NGS21929-95 (TF-48 Saturday)

The Relationship Between Functional Luminal Imaging Probes And Esophageal Manometry Measurements In Children - Can Flip Replace The Esophageal Manometry?

Berger Tal David*¹, Nurko Samuel¹, Chalmers Chris¹, Ozcam Evrim¹, Delaney Elise¹, Nemec Grace¹, Rosen Rachel¹

¹Boston Children's Hospital, Boston - United States

NGS21803-86 (TF-49, Saturday)

The Role of High-Resolution Esophageal Manometry in the Diagnosis of Myasthenia Gravis: A Case Report

Triantos Christos*¹, Pastras Ploutarchos¹, Aggeletopoulos Ioanna¹, Thomopoulos Konstantinos¹, Voulgaris Theodoros², Kalafateli Maria³

¹Division of Gastroenterology, Department of Internal Medicine, University of Patras, 26504, Patras - Greece

²Medical School of National and Kapodistrian University of Athens, General Hospital of Athens "Laiko", Academic Department of Gastroenterology, 11527, Athens - Greece

³Department of Gastroenterology, General Hospital of Patras, 26332, Patras - Greece

NGS21719-92 (TF-50, Saturday)

The simulated defecation maneuver in the seated position does not improve the rate of false positives with 3-Dimensional High Definition Anorectal Manometry (3D HD-ARM): Preliminary results in healthy volunteers (HV)

Ezquerro-Duran Alberto*¹, Nunez Jorge¹, Siles Jhoana¹, Lleixà Marc¹, Araujo Isis¹, Barba Elizabeth¹

¹Gastroenterology Department, Hospital Clínic de Barcelona, Gastroenterology Department, Hospital Clínic de Barcelona, Barcelona - Spain

NGS21872-92 (TF-52, Saturday)
Transforming Minds: Reflections on the Egyptian Experience of Practicing GI Motility (Current Status and Future Perspectives)
 Amer Mohamed*¹
¹Shebin Teaching Hospital, Shebin El-kom - Egypt

NGS21665-92 (TF-53, Saturday)
Upper Esophageal Sphincter analysis under high-resolution perfusion manometry.
 VIEBIG RICARDO*¹, Araujo Sergio², Franco Janaina²
¹IBEPEGE -São Paulo - Brazil
²IBEPEGE-São Paulo - Brazil

NGS21650-86 (TF-54, Saturday)
VIGA (Virtuel GAsTer): An integrated platform for quantitative assessment of stomach function based on MRI
 Liao Donghua*¹, Mark Esben Bolvig², Brock Christina², Gheorghe Liliana³, Drug Vasile⁴, Froekjaer Jens Broendum⁵, Drewes Asbjorn Mohr⁶
¹Mech-Sense, Department of Gastroenterology and Hepatology, Aalborg University Hospital, Aalborg - Denmark
²Mech-Sense, Department of Gastroenterology and Hepatology, Aalborg University Hospital, Department of Clinical Medicine, Aalborg University, Aalborg - Denmark
³University of Medicine and Pharmacy "Gr.T. Popa" Iasi, Department of Radiology, 'Saint Spiridon' Clinical Emergency Hospital, Iasi - Romania
⁴University of Medicine and Pharmacy "Gr.T. Popa" Iasi, Institute of Gastroenterology and Hepatology Iasi, 'Saint Spiridon' Clinical Emergency Hospital, Iasi - Romania
⁵Mech-Sense, Department of Radiology, Aalborg University Hospital, Department of Clinical Medicine, Aalborg University, Aalborg - Denmark
⁶Mech-Sense, Department of Gastroenterology and Hepatology, Aalborg University Hospital, Department of Clinical Medicine, Aalborg University, Steno Diabetes Center North Denmark, Aalborg - Denmark

NGS21762-90 (TF-55, Saturday)
Vomiting does not compromise the interpretability of Gastric Alimetry testing
 Simmonds Sam¹, Foong Daphne², Schamberg Gabe³, Johnston Gen³, Gharibans Armen³, O'Grady Gregory*³, Calder Stefan³, Andrews Christopher⁴
¹Alimetry Ltd, Auckland - New Zealand
²School of Medicine, Western Sydney University, Sydney - Australia
³Department of Surgery, University of Auckland, Auckland - New Zealand
⁴Division of Gastroenterology, University of Calgary, Calgary - Canada

NGS21667-94 (TF-56, Saturday)
Warning signs during the preoperative period of fundoplication by high-resolution manometry.
 Viebig Ricardo*¹, Araujo Sergio¹, Franco Janaina¹
¹IBEPEGE São Paulo - Brazil

11 POSTER EXHIBITION
 13.15 – 14.00h
Women's Health/Sex differences in Neurogastroenterology and Motility

NGS21925-91 (WH-01, Saturday)
Antibiotic-induced dysbiosis and Lactocaseibacillus rhamnosus GG (ATCC 53103) treatment in juvenile mice: enduring sex-dependent effects on gastrointestinal motility and behaviour
 Ponti Alessandra*¹, Bosi Annalisa¹, Salvatore Silvia¹, Giaroni Cristina¹, Gabaglio Marina², Faggin Sofia³, Giron Maria Cecilia³, Agosti Massimo⁴, Rubino Tiziana⁵, Zamberletti Erica⁵
¹Department of Medicine and Technological Innovation, University of Insubria - Italy
²Department of Biotechnology and Life Sciences, University of Insubria - Italy
³Department of Pharmaceutical and Pharmacological Sciences, University of Padova - Italy
⁴Department of Medicine and Surgery, University of Insubria - Italy
⁵Department of Biotechnology and Life Sciences, University of Insubria - Italy

NGS21727-91 (WH-02, Saturday)
Gender Gap Among Authors Publishing Gastroenterology Guidelines
 Becker Erica*¹, Farmer Adam¹
¹St Louis University, St Louis - United States

NGS21860-89 (WH-03, Saturday)
Preclinical characterisation of endometriosis associated digestive comorbidities
 Moreau Matheus*¹, Aubert Philippe¹, Daou Marita¹, Oullier Thilbaud¹, Durand Tony¹, Caillaud Martial¹, Cardaillac Claire¹, Neunlist Michel¹, Amiaud Jerome²
¹Inserm U1235 - TENS - Nantes Université - France
²Inserm UMR 1307 / CNRS UMR 6075 / Nantes Université - France

NGS21579-96 (WH-04, Saturday)
Prevalence and distribution of irritable bowel syndrome (IBS) in female students of a sports university
 Mizukami Takeshi*¹
¹Dept. of Endoscopy Center, NHO Kurihama Medical and Ad-diction Center, Kanagawa - Japan

Thursday, September 04, 12.45 – 13.20, Queen Mary University of London, Great Hall
 INDUSTRY LUNCH SYMPOSIUM: NEW INSIGHTS INTO GASTROPARESIS

Enterra® Therapy

enterra[®]
 medical[®]

Enterra® Therapy is the first and only device shown to reduce nausea and vomiting secondary to gastroparesis through **Gastric Electrical Stimulation (GES)**.

Join our sponsored symposium

New Insights into Gastroparesis
 Thursday 4th September | 12:45 - 13:20

The Great Hall
 Queen Mary University of London



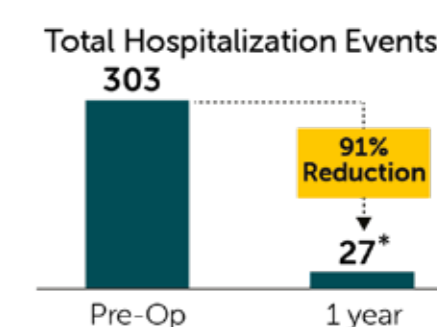
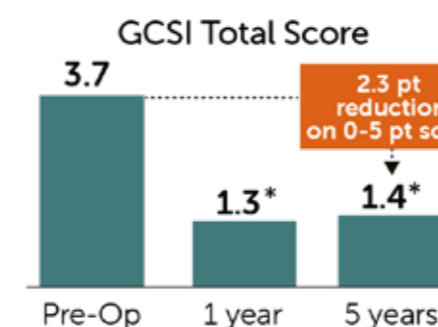
Professor Anthony Hobson

Enterra Therapy is backed by 4 randomized clinical trials and more than 20 years of clinical research, with new publications and research being added each year.

Washington University 5-year Prospective Study on Enterra Therapy (n=157)

Significant Reduction in Symptoms
 (AT 1 AND 5 YEARS)

Significant Reduction in Hospitalizations
 (AT 1 YEAR)



* P<0.05 compared to pre-operative values
¹ Patient cohort (n=141) with baseline/1-year follow-up data; Adopted from Dr. Michael Awad Podium Presentation. American Foregut Society Annual Meeting, Sept 2024
 The Enterra® Therapy System for Gastric Electrical Stimulation (GES). Enterra II, is a medical device indicated for the treatment of chronic intractable (drug refractory) nausea and vomiting secondary to gastroparesis.
 1. Soykan I, Sivri B, Sarosiek I, et al. Demography, clinical characteristics, psychological and abuse profile, treatment and long-term follow-up of patients with gastroparesis. *Dig Dis Sci*. 1998;43:2398-2404.
 2. Cassidy DJ, Gerull W, Zike VM, Awad MM. Clinical Outcomes of a Large, Prospective Series of Gastric Electrical Stimulation Patients Using a Multidisciplinary Protocol. *J Am Coll Surg*. April 2024.
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Friday, September 05, 08.00 – 09.00, Queen Mary University of London, Skeeel Room
INDUSTRY SYMPOSIUM: THE ROLE OF ENDOFLIP™ IN PEDIATRIC AND ADULT PATIENTS

Medtronic

Join our symposium

Friday 05
Sept, 2025
08:00 – 09:00
(GMT)

Clarity in dysphagia management:

The role of Endoflip™ in pediatric and adult patients



Chair
Prof. Daniel Pohl



Speaker
Dr. Mohamed Mutalib



Speaker
Dr. Rami Sweis

Agenda

Time	Topic	Speaker
08:00	From diagnosis to decision-making: Endoflip™ use in adult dysphagia management	Dr. Rami Sweis
08:20	Clarifying esophageal disorders in children: Endoflip™ in pediatric dysphagia	Dr. Mohamed Mutalib
08:40	Discussion and Q&A	All



Learn more about
Endoflip™

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Friday, September 5, 12.45 – 13.20, Queen Mary University of London, Great Hall
INDUSTRY LUNCH SYMPOSIUM: BUSCOPAN (HYOSCINE BUTYLBROMIDE) FROM CLINICAL DATA TO BASIC SCIENCE AND BACK

Opella.

NeuroGASTRO 2025 Symposium

**Buscopan (Hyoscine Butylbromide)
from clinical data to basic science
and back**





Prof. Maura Corsetti
Nottingham Digestive Disease Biomedical
Research Centre Nottingham,
United Kingdom



Prof. Marcel Jimenez Farrerons
Department of Cell Biology, Physiology
and Immunology Neuroscience Institut
Universitat Autònoma de Barcelona Bellaterra,
Spain



 September 5, 2025 from 12:45 to 13:20

 Great Hall at Queen Mary University
of London, United Kingdom



Friday, September 05, 17.45 – 18.20, Queen Mary University of London, Great Hall
INDUSTRY SYMPOSIUM: UPDATE IN FUNCTIONAL DYSPESIA

SAVE THE DATE

ESNM 2025

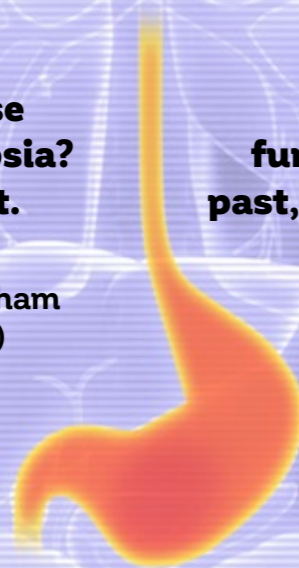
Update in Functional Dyspepsia



How to diagnose functional dyspepsia? State of the Art.
Prof. M. Corsetti
University of Nottingham (United Kingdom)



Treatments in functional dyspepsia: past, present and future....
Prof. T. Vanuytsel
UZ Leuven (Belgium)



DATE Friday Sept. 5th 2025 • **TIME** 17.45 - 18.20 h • **VENUE**



Room 'Great Hall'
Queen Mary University
Milex End Road
London E1 4NS
United Kingdom

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Saturday, September 06, 12.45 – 13.20, Queen Mary University of London, Great Hall
INDUSTRY LUNCH SYMPOSIUM: DISORDERS OF GUT-BRAIN INTERACTION (DGBI) IN PRIMARY CARE: A NEW PERSPECTIVE FOR PATIENTS

Join our Industry Symposium

NeuroGastro 2025

Disorders of Gut-Brain Interaction (DGBI) in Primary Care: A new perspective for patients

Juan M. Mendive, MD, PhD

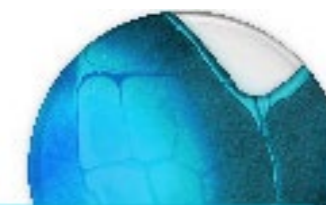


Saturday, September 6th, 12:45 to 13:20, Great Hall

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GENERAL INFORMATION

CONGRESS REGISTRATION DESK

Congress materials will be available at the congress registration desk located in the Octagon Room Foyer (Building no. 19a). The congress staff will be pleased to help you with all enquiries related to the meeting.

OPENING HOURS

Thursday, September 4, 2025 07.30 – 18.00
Friday, September 5, 2025 07.00 – 18.00
Saturday, September 6, 2025 07.30 – 16.15

During the opening hours the Congress secretariat can be contacted at:
Mobile phone +39 346 0394052
Contact person: Michela Gorgoglione

REGISTRATION FEES

Scientific Meeting (September 4-6, 2025)

Registration Categories	Late/ Onsite fee from August 4, 2025 onwards & onsite
Members of ESNM	EUR 625
Non-Members	EUR 700
Residents, Post-Doctoral Fellows, Trainees, PhD and MSc students	EUR 325
Undergraduate Medical/ Bachelor's degree Students*	EUR 100*

*If you choose this category, please send to m.gorgoglione@planning.it a certificate of your university or signed by your Chief of Department as proof.

Registration includes access to the NeuroGASTRO 2025 Main Meeting, coffee breaks, lunch bags and congress material, it does not include access to the postgraduate course, any pre- or side meetings.

Post-Graduate Course (September 4, 2025)

Registration Categories	Late/ Onsite fee from August 4, 2025 onwards & onsite
Members of ESNM	EUR 210
Non-Members	EUR 300
Residents, Post-Doctoral Fellows, Trainees	EUR 140

Registration includes access to the NeuroGASTRO 2025 Post-graduate Course, coffee break, lunch bag and congress material, it does not include access to the main meetings and hands-on course.

Hands-on Course (September 6, 2025) SOLD OUT*

Registration Categories	Late/ Onsite fee from August 4, 2025 onwards & onsite
Members of ESNM	EUR 120
Non-Members	EUR 160
Residents, Post-Doctoral Fellows, Trainees	EUR 110

Registration includes access to the NeuroGASTRO 2025 Hands-on Course only, on a first-come, first-served basis.
* Only waiting list registration is currently possible. Please contact the secretariat.

ON-SITE REGISTRATION

Participants who would like to register on-site are advised to arrive early. On-site registration does not necessarily entitle the participants to receive congress material. On-site registration will be handled upon first come, first served basis, priority will be given to pre-registered delegates.

Please note that depending on the number of the on-site registrations, availability of congress material may be limited.

Payments will be settled with Paypal or by cash (EURO currency only). ATM are available at the Campus. Credit card payments will be possible on the web platform only at <https://neurogastro2025.planning.it/register> You will be asked to fill a form with your personal details. The invoice will be sent by email by one month after the event.

CONGRESS LANGUAGE

The official language of the NeuroGASTRO 2025 Congress is English. Simultaneous translation will not be provided.

ABSTRACTS

All accepted abstracts are published in Neurogastroenterology and Motility, the official online journal of the European Society of Neurogastroenterology and Motility.

Please access the NMO online journal at:
Link to be communicated soon.

PROGRAMME CHANGES

The organisers cannot assume liability for any changes in the congress programme due to external or unforeseen circumstances.

WIFI

As a courtesy to all participants WiFi will be available at the venue.

Network name: QM-Visitor
Access: free, no password needed

SPEAKERS' PREVIEW ROOM

To help the programme run smoothly, we kindly ask the speakers to send their presentation no later than Wednesday September 3, 2025 - 18.00 h.

Please email your file to: esnm2025speakers@gmail.com using the following naming format: Surname_SymposiumNumber.pptx (e.g., Smith_7.pptx). For Postgraduate Course: PC (e.g., Smith_PC.pptx), for Breakfast Symposium: BS, for Guidelines Symposium: GS.

Speakers that cannot send their file in advance, will have the opportunity to upload (or update) presentations in the Speakers' Room (opening hours: Thursday 11.00–15.30 | Friday 08.30–15.30 | Saturday 08.30–12.30), provided this is done no later than 3 hours before your lecture.

The Speakers' room is located in People's Palace Basement next to PP1 and PP2 Lecture Theatres.

IMPORTANT - For the first morning sessions – Postgraduate Course (Thursday morning), Breakfast Symposium (Friday morning), and Guidelines Session (Saturday morning) – please ensure that your presentation is submitted by 18.00 the day before.

Opening Hours



Thursday, September 4, 2025 11.00 – 15.30
Friday, September 5, 2025 08.30 – 15.30
Saturday, September 6, 2023 08.30 – 12.30

ESNM MEMBERSHIP ISSUES

For ESNM membership issues and any other business regarding the Society, please visit the booth which is located in the Octagon Room Foyer (Building no. 19a).

NAME BADGES

All participants are kindly requested to wear their name badge at all times during the meeting. The colours of the name badge have the following significance:

	Faculty (full access)
	Delegate-Congress & Postgraduate Course
	Delegate-Congress
	Post-Graduate Course
	Exhibitor (without access to the scientific sessions)
	Press
	Medical Student Volunteer
	Staff

CERTIFICATE OF ATTENDANCE

A certificate will be issued the last day of the event at the Secretariat desk.

POSTER EXHIBITION

Standard Posters will be on display in the Octagon room and Posters of distinction will be on display in the Colette Bowe Meeting room (both located in Building no.19) from Thursday September 4 to Saturday, September 6.

Standard Posters will be displayed one day only according to the scheduled date. Posters of distinction will be displayed all three days.

Opening Hours

Thursday, September 4, 2025	13.15 – 14.00
Friday, September 5, 2025	13.15 – 14.00
Saturday, September 6, 2025	13.15 – 14.00

POSTER PRESENTATIONS

Poster authors are required to be available for questions and further information at their poster board each day from 13.15 to 14.00. Please note that the Poster Areas will also be open for viewing during Coffee breaks.

The poster assigned number can be found next to the poster title in this programme and on the poster boards that you will find at the posters area.

Locations: Octagon Room and Colette Bowe Meeting Room

POSTERS TO EXHIBIT September 4

ED-01-ED18; MU-01-MU-80
Hanging September 4, 09.00 – 11.00
Removal September 4, 18.30 – 19.00

POSTERS TO EXHIBIT September 5

AI-01-AI05; BG-01-BG-29; MD-01-MD-04; OT-01-OT-56
Hanging September 5, 09.00 – 11.00
Removal September 5, 18.00 – 18.30

POSTERS TO EXHIBIT September 6

DB-01-DB-04; PM01-PM14; RM01-RM21; TF-01-TF-56; WH-01-WH-04

**RM-11 will be displayed on Friday at OT-41 poster board*

Hanging September 6, 09.00 – 11.00
Removal September 6, 16.30 – 17.30

Posters of distinction ★★ will be visible all three days.

Posters that have not been removed by the respective time will be disposed of. Poster material to put up the posters is available on site.

EXHIBITION HALL

The exhibition hall is taking place in the Octagon room, where coffee will be offered during the breaks.

Opening Hours

Thursday, September 4, 2025	08.00 – 18.00
Friday, September 5, 2025	08.00 – 18.00
Saturday, September 6, 2025	08.00 – 16.00

COFFEE BREAKS

Coffee breaks are included in the registration fee and will be served in the People's Palace/Graduate center (Buildings no. 16/18) in takeaway cups which people can then take over to the Octagon Room - Exhibition and Poster Areas (Building 19a).

LUNCH

Lunch grab and go bags will be delivered for those attending during Industry Lunch Symposia outside the Great Hall or otherwise at People's Palace / Graduate center (Buildings no. 16/18). Lunch bags for people with special dietary requirements will be labeled and limited in number. Please be sure to have communicated your special dietary requirements at least 2 weeks before the event to m.gorgoglione@planning.it.

The Industry Symposium lunch bags are only available to those delegates attending that symposium.

Attendants will find their lunch coupons behind the badge.

WELCOME RECEPTION

Welcome Reception is included in the registration fee and will take place in the Graduate center and Courtyard.

GET-TOGETHER

All participants of NeuroGastro 2025 are cordially invited to attend the Get-Together event, which will be held on Friday, September 5, from 18:30 to 23:00. To get access Delegates need to be registered on <https://neurogastro2025.planning.it/addons> and purchase a ticket.

Delegates who did not register for the Get-Together event, are invited to buy their ticket on site, at the registration desk by September 4, 2025, 12.00h.

Attendants who confirmed and already paid the ticket will find their GET-TOGETHER coupon behind the badge.

Address: Lincoln's Inn Fields, London WC2A 3TL

Website: <https://www.lincolnsinn.org.uk/the-estate/tours-of-lincolns-inn/>

Please note that the venue for the Get Together Party must be reached independently. No bus transport will be provided.

To get from Queen Mary University (QMUL) in Mile End to Lincoln's Inn in central London, with public transport:

1. From Queen Mary University (Mile End):

- Start at Mile End Underground Station (near QMUL).
- Take the Central Line (the red line) westbound towards Ealing Broadway.

2. Change at Holborn Station:

- Travel for about 5 stops, get off at Holborn Station.
- At Holborn, exit the station and follow signs for Lincoln's Inn Fields.

Distance from Holborn to Lincoln's Inn Fields:

- It's about a 5-minute walk (roughly 400 meters) to Lincoln's Inn from the station.

Alternative Route (Bus):

- If you prefer taking the bus, you can take the D3 bus from Mile End Station to Clerkenwell Green (about 10-15 minutes). From there, it's a short walk to Lincoln's Inn.

The journey by Tube should take about 20-30 minutes in total, depending on waiting times.

CLOAKROOM

A cloakroom is available at People's Palace, it is located before the entrance to the Engineering building.

CAR PARKING

Parking is not available.

EMERGENCY AND FIRST AID

In case of emergency, please address the staff at the registration desk. The staff will be pleased to help.

For information on obtaining medication in London, including where to find pharmacies, how to get prescriptions, and



general guidance on health services, you can visit the official NHS (National Health Service) website. The NHS provides comprehensive information on pharmacies, over-the-counter medications, and prescription services.

Website: <https://www.nhs.uk/service-search/pharmacy/find-a-pharmacy/>

This page helps you locate the nearest pharmacies, provides details about services offered (like advice, vaccinations, and prescriptions), and helps you understand the process of getting medication in the UK.

EMERGENCY PHONE NUMBERS

You can dial 999 for any emergency, and it will connect you to the appropriate service (police, fire, ambulance, or emergency medical services).

RECORDING

According to the European law, it is only permitted to record and to film lectures subject to the explicit consent of the lecturer. If the required consent was not given, we ask you to refrain from recording the lecture. Any infringements can have legal consequences.

PHOTOGRAPHS & VIDEO

The organiser may without the further consent of the participants use and release pictures and videos taken during the congress for reports of the congress and/or in future marketing materials.

By registering to this congress attendees agree that photographs or sound or video recordings taken during the congress that could include recognizable images or voices of those in attendance may be posted on the society website and related social media channels. All recordings are treated sensitively and discreetly. Names will not be published. The congress is held in a public space, therefore we do not prohibit participants, exhibitors, sponsors, or news organisations from photographing, video or audio-taping some virtual congress activities.

The organiser reserves the right to use images taken at the congress with your photograph and/or likeness on

social media and/or in future marketing materials. The organiser is NOT responsible for individual attendee's use of your image or likeness.

INSURANCE

The congress fee does not include insurance. All participants should arrange for their own insurance. Health and accident insurance is recommended and has to be purchased in your country of origin.

CURRENCY, BANK AND ATM

The unit of currency is the British Pound Sterling (GBP, £). Major credit cards are accepted in most hotels, shops, and restaurants. ATMs are widely available throughout the city. The nearest ATM to the venue at Queen Mary University is located on campus, with several bank branches and ATMs also available nearby on Mile End Road.

ELECTRICITY

Voltage: In the United Kingdom, the power plug sockets are of type G. The standard voltage is 230 V and the frequency is 50 Hz. If you are travelling from outside the UK, you may need a plug adapter and, for certain devices, a voltage converter.

CITY OF LONDON

London is the capital and largest city of the United Kingdom. It is widely recognised as one of the most influential cultural, financial, and political centres in the world. The city plays a key role in global education, research, healthcare, technology, tourism, fashion, media, and the arts.

Situated on the River Thames in southeastern England, London blends historical heritage with modern urban life. It is home to several renowned parks and green spaces, including Hyde Park, Regent's Park, and Hampstead Heath.

London boasts many iconic landmarks. Perhaps the most recognisable is the Palace of Westminster, home to the UK Parliament, with the famous Big Ben clock tower. Other major sights include the Tower of London and Buckingham Palace, the official residence of the British monarch.

The city's cultural diversity and world-class museums, such as the British Museum and Tate Modern, make London a truly exceptional host city for international meetings and events. National Gallery, and the Tate Modern.

CLIMATE

In September, the weather in London is typically mild and quite pleasant. The temperatures usually range from around 12°C (54°F) in the early mornings and evenings to 19°C (66°F) during the day. Although it's generally not too hot, there's a chance of some warmer days, especially at the beginning of the month.

The city can experience some rainfall, as September is still part of the transition from summer to autumn. However, the rain is often light to moderate and tends to occur in short bursts, so it's not unusual to have several dry, sunny days in a row.

GETTING TO LONDON

London is one of the most accessible cities in the world, with excellent connections by air, rail, and road.

By Air

London is served by six major airports: Heathrow (LHR), Gatwick (LGW), London City (LCY), Stansted (STN), Luton (LTN), and Southend (SEN). Heathrow and Gatwick are the largest and offer the widest range of international connections. All airports have direct transport links to central London.

By Rail

London is the hub of the UK's national railway network, with major stations including King's Cross, St Pancras International, Euston, Liverpool Street, and Paddington. International travellers can arrive directly into St Pancras via Eurostar from Paris, Brussels, and Amsterdam.

By Road

London is well connected by motorways and national roads. Coach services and private vehicles can access the city via the M25 orbital motorway and a number of radial routes. Long-distance coaches arrive at Victoria Coach Station in central London.

GETTING AROUND LONDON

London offers an extensive and efficient public transport system, including buses, trams, underground (Tube), and overground rail services. The network is managed by Transport for London (TfL).

By Bus and Tram

London's red buses are an iconic and practical way to travel the city. Trams operate in parts of South London. All services are cashless – travellers need an Oyster card, contactless payment card, or a mobile payment method (e.g. Apple Pay or Google Pay).

By Underground (Tube)

The London Underground (or "Tube") is the fastest way to get around the city. Operating from approximately 05:00 to midnight (with some night services on weekends), it includes 11 lines and over 270 stations. Stations are marked with the distinctive red and blue roundel. Tube maps are available in stations, and signage is clear.

You can check the official map of the London Underground on the Transport for London (TfL) website:

<https://tfl.gov.uk/maps/track/tube>

How to reach the venue

If you arrive at Heathrow, the fastest way to reach the Queen Mary University is:

Heathrow to Whitechapel:

- Take the **Elizabeth Line** (purple line) from **Heathrow Airport** heading towards **Shenfield**.
- Stay on the train for about **50 minutes** (the journey is direct).

- Get off at **Whitechapel Station**.

Whitechapel to Mile End:

- From **Whitechapel**, you'll change to the **District Line** (green line) at **Whitechapel Station**.
- Take the **District Line** towards **Upminster** for just **one stop** and get off at **Mile End Station**.
- From there, it's a short walk (about 5-10 minutes) to the **Queen Mary University** campus.

Tickets and Payment

The easiest way to travel is by using a contactless bank card or an Oyster card, which can be topped up at stations or online. Daily and weekly caps ensure cost-effective travel. Always tap in and out at the start and end of your journey to ensure the correct fare is charged.

By Taxi

London's iconic black cabs can be hailed directly on the street or at designated taxi ranks. All licensed black cabs are metered, and fares vary based on distance and time. Card payments are accepted in all black cabs.

Alternatively, you can use ride-hailing apps such as Uber, Bolt, or Free Now, which operate widely across the city and are often a convenient choice. Minicabs (private hire vehicles) must always be booked in advance via an app, phone, or through your hotel—do not accept rides from unlicensed drivers on the street.

For full details for getting around in London, visit: <https://tfl.gov.uk>

If you plan to use Uber after landing at Heathrow:

Once you've cleared customs and collected your luggage, open the Uber app on your phone.

- Put your destination in Central London (e.g., your hotel or a specific address).

Head to the Uber Pickup Location:

- Uber pickups at Heathrow are not directly at the terminal door like taxis, so you'll need to follow signs to the designated ride-sharing area.
- Each terminal has a specific Uber pickup location:
 - Terminal 2 (The Queen's Terminal): Uber pickups are located at Level 1, Car Park 2.
 - Terminal 3: Uber pickups are at Level 1, Car Park 3.
 - Terminal 4: The pickup point is at Level 1, Car Park 4.
 - Terminal 5: Uber pickups are at Level 1, Car Park 5

Tourist information

For any further details about London please click here: <https://www.visitlondon.com/>

MILE END CAMPUS PLAN



Educational/Research

ArtsOne	37
ArtsTwo	35
Arts Research Centre	39
Bancroft Building	31
Bancroft Road Teaching Rooms	10
Peter Landin Building (Computer Science)	6
Engineering Building	15
G.E. Fogg Building	13
G.O. Jones Building	25
Geography	26
Informatics Teaching Laboratories	5

Residential

Joseph Priestley Building	41
Library	32
Law	36
Lock-keeper's Cottage	42
Occupational Health and Safety Directorate	12
The People's Palace/Great Hall	16
Queens' Building	19
Scape Building	64
Temporary Building	61
Graduate Centre	18
Albert Stern Cottages	3
Albert Stern House	1
Beaumont Court	53
Chapman House	43
Chesney House	45
Creed Court	57
France House	55
Feilden House	46
Hatton House	40
Ifor Evans Place	2
Lindop House	21
Lodge House	50

Lynden House	59
Maurice Court	58
Maynard House	44
Pooley House	60
Selincourt House	51
Varey House	49

Facilities

Advice and Counselling Service	27
Housing Hub	48
Bookshop	22
Careers Centre	19
Clock Tower	20
CopyShop	56
The Curve	47
Disability and Dyslexia Service	31
Drapers' Bar and Kitchen	8
Canalside	63
Ground Café	33
The Hive	24
Infusion	9
IT Services	19
Mucci's	29
Occupational Health Service/ Student Health Service	28
Octagon	19a
Portering and Postal Services	17
Qmotion Health and Fitness Centre	7
Sports Hall	7
Santander Bank	62
Security	38/54
St Benet's Chaplaincy	23
Students' Union Hub	34

Information

Visitors who require further information or assistance should please go to the main reception in the Queens' Building.

The smoking of cigarettes or tobacco products are **only** permitted at designated smoking areas / shelters indicated on this map.

Electronic cigarettes permitted on outside spaces **only**.

These premises are alarmed and monitored by CCTV; please call Security on +44 (0)20 7882 5000

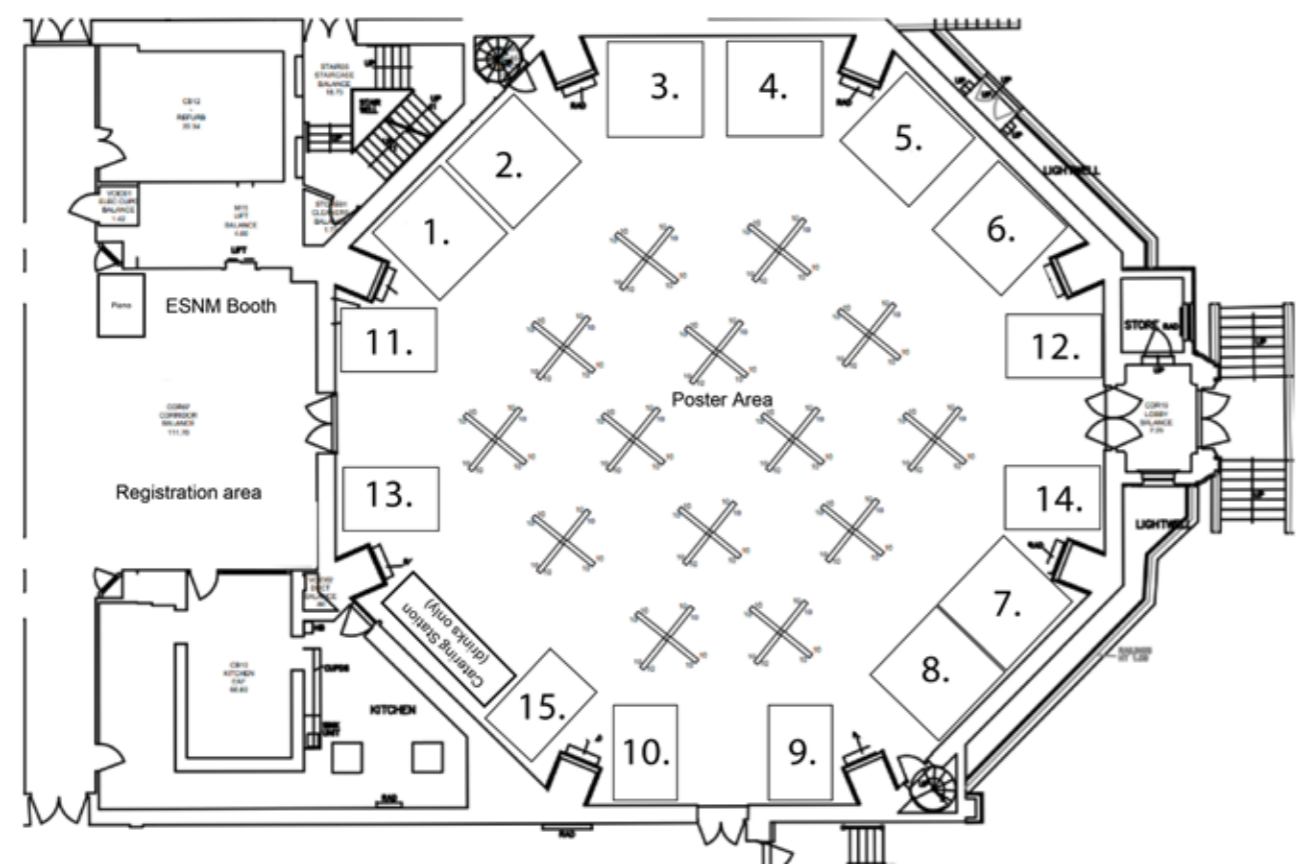
Key

- Library/bookshop
- Fitness centre
- Refreshment: Bar/Eatery/Coffee place
- Staff car park
- Bicycle parking
- Bicycle lockers
- Cash machine
- Smoking area / shelter

EXHIBITION PLAN

ALL INFORMATION IN ONE PLACE

At NeuroGASTRO 2025, you find registration area, the ESNM team, poster sessions area and exhibitor area in the Octagon room, Poster of Distinction area in Colette Bowe Meeting room (19a in Mile End Campus Plan, page 62/63).



LIST OF EXHIBITORS

COMPANY	BOOTH NO.
ALIMETRY	11
ASUREPHARMA	14
ATMO BIOSCIENCES	12
BIOCODEX	6
BROMATECH	5
CYCLICAL VOMITING SYNDROME ASSOCIATION U.K. - CVSA	15
DR.FALK PHARMA	13
ENTERRA MEDICAL	1
JINSHAN GROUP	7
LABORIE MEDICAL	4
MEDTRONIC	9
PRECISIONBIOTICS	2
SYMPROVE	8
ESNM	3
TRUVION HEALTHCARE	10

ACKNOWLEDGEMENTS/ LIST OF EXHIBITORS

The organisers of the Biennial Meeting of the European Society of Neurogastroenterology and Motility and Post-graduate Course on Gastrointestinal Motility 2025, gratefully acknowledge the support of the following companies (as per August 26, 2025).

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ORGANISING SOCIETY

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www.esnm.eu

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HOSTING SOCIETY

British Society of Gastroenterology
www.bsg.org.uk/



VENUES

Queen Mary University London, UK
Mile End Road
London E1 4NS
United Kingdom

HANDS-ON COURSE VENUE
(Saturday September 6, 2025)

Wingate Institute
26 Ashfield Street,
Whitechapel,
London E1 2AJ

03.09.2025