We are delighted to invite you to Lisbon, September 5th to 7th, 2019, to take part in the ESNM biennial conference. The program stands under the motto of "Advancing understanding and management in neurogastroenterology and motility".

This allows both clinicians and researchers alike to present, discuss and learn a wide array of topics including, but not limited to, the diagnosis, evaluation and management of sensorimotor dysfunction and functional GI disorders.

Our program will also include, as did previous editions, sessions and symposia on gut microbiota, gut-brain axis, nutrition and nutrition-associated conditions: e.g. eosinophilic esophagitis and celiac-related symptoms, as well as current and future diagnostic and therapeutic approaches.

We are about five hundred participants in Lisbon, which is a highly attractive city with a beautifully laid out congress venue CCB - Belém Cultural Centre, just by the sea. The time of congress chosen does not interfere with major congresses and will allow attendants a sunny, warm, positive and educational time.

Your participation is vital to make this congress the most attractive ESNM conference thus far, and we look forward to having you on board.
Committees and Organiser

ORGANISING COMMITTEE
Giovanni Barbara | President (Bologna, Italy)
Daniel Pohl | Treasurer (Zürich, Switzerland)
Adam Farmer | Chair Programme Committee (London, United Kingdom)
Luis Novais | Chair Local Organising Committee (Lisbon, Portugal)

LOCAL ORGANISING COMMITTEE
Luis Novais | Chair Local Organising Committee (Lisbon, Portugal)
Raffaella Gozzelino | Local Organising Committee (Lisbon, Portugal)
Eduardo Pires | Local Organising Committee (Lisbon, Portugal)
Paulo Souto | Local Organising Committee (Coimbra, Portugal)
Cláudia Marques | Local Organising Committee (Lisbon, Portugal)
Miguel M. Saraiva | Local Organising Committee (Porto, Portugal)

SCIENTIFIC PROGRAMME COMMITTEE
Adam Farmer | Chair (London, United Kingdom)
Luis Novais | Chair (Lisbon, Portugal)
Arjan Bredenoord | (Amsterdam, The Netherlands)
Niall Hyland | (Cork, Ireland)
Maura Corsetti | (Nottingham, United Kingdom)
Daniel Pohl | (Zürich, Switzerland)
Andreas Stengel | (Tübingen, Germany)
Frank Zerbib | (Bordeaux, France)

ESNM STEERING COMMITTEE
Fernando Azpiroz | (Barcelona, Spain)
Serhat Bor | (Izmir, Turkey)
Ram Dickman | (Petah-Tikva, Israel)
Asbjørn Mohr Drewes | (Aalborg, Denmark)
Vasile Drug | (Iasi, Romania)
Paul Enck (Past-Treasurer) | (Tübingen, Germany)
Adam Farmer | (London, United Kingdom)
Goran Hauser | (Rijeka, Croatia)
Niall Hyland | (Cork, Ireland)
Agata Mulak | (Wroclaw, Poland)
Beate Niesler | (Heidelberg, Germany)
Luis Novais | (Lisbon, Portugal)
Edoardo Savarino | (Padova, Italy)
Jordi Serra | (Barcelona, Spain)
Olga Storonova | (Moscow, Russian)
Jan Tack | (Leuven, Belgium)
René van den Wijngaard | (Amsterdam, The Netherlands)
Frank Zerbib | (CHU Bordeaux, France)

YOUNG INVESTIGATOR AWARDS
ESNM will award EUR 750; for the best presentations (oral or poster) by young investigators (< 35 years). Payments will be made in Euro after the meeting by ESNM. Awards will be delivered during Closing Ceremony.
## Table of contents

<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
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<tbody>
<tr>
<td>06</td>
<td>Scientific Information</td>
</tr>
<tr>
<td>07</td>
<td>Scientific Programme Overview</td>
</tr>
</tbody>
</table>
| 11   | Scientific Programme by Day  
   – Thursday, 05th September |
| 13   | Scientific Programme by Day  
   – Friday, 06th September |
| 16   | Scientific Programme by Day  
   – Saturday, 07th September |
| 18   | Poster Presentations / Tours by Day  
   – Thursday, 05th September |
| 27   | Poster Presentations / Tours by Day  
   – Friday, 06th September |
| 33   | Poster Presentations / Tours by Day  
   – Saturday, 07th September |
| 41   | Industry lunch Symposium Programme |
| 43   | General Information |
| 47   | Acknowledgements / List of Exhibitors |
| 48   | Exhibition Plan |
| 49   | Chairpersons and Presenters |
Scientific information

The scientific programme is structured according to days, time and room. All presenters are listed by name and the title of their presentation.

**POSTGRADUATE COURSE**
The Postgraduate Course will provide an 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 30 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 oral presentations is 15 minutes, including questions.

**PARALLEL SYMPOSIA**
There are three simultaneous, parallel symposiums. One of these has a basic science theme, another one a translational theme and the third is a clinical science session. Most parallel sessions last 90 minutes and comprise two invited lectures (30 minutes) and two selected abstract presentations (15 minutes each).

**POSTER SESSIONS**
Accepted Posters will be exhibited during NeuroGastro 2019 and will be grouped into areas of research. The poster exhibition offers an effective forum for the exchange of information and a platform to communicate ideas, research, and programmes.

**GENIEUR RELOADED SESSION**
In this session, the GENIEUR group (Pan-European interdisciplinary network to identify genetic factors contributing to IBS etiopathogenesis) will provide an update of their work.

**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.

**CME ACCREDITATION**
The 4th Biennial Meeting of the European Society of Neurogastroenterology and Motility and Postgraduate Course on Gastrointestinal Motility, 5 to 7 September 2019 was granted European CME credits (ECMEC) by the European Accreditation Council for Continuing Medical Education (EACCME).

A certificate of attendance along with CME credits can be requested by e-mail to: ana.pais@admedic.pt from 8 September to 31 December 2019.

Please note that attendance and full payment will be audited and an evaluation of the congress will be required in order to receive CME credits.

**EACCME® CREDITS CERTIFICATE**
To obtain this certificate, participants must complete the feedback form available at: http://www.neurogastro2019.org/congress-information/?loose=85&l2title=feedback-form and e-mail it to the secretariat after the congress, requesting the EACCME® credits certificate. Certificates will not be sent to participants who have not sent the feedback form.

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 9 and 23 of UEMS 2016.20.

The EACCME® awards ECMEC®s on the basis of 1 ECMEC® for one hour of CME with a maximum of 8 ECMEC®s per day. Cf. Chapter X of UEMS 2016.20.

**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://www.ethicalmedtech.eu/medtech-apps/cvs/view-event/EMT16067
## Scientific Programme Overview

**Thursday, 05th September 2019 – Postgraduate Course**

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### Abbreviations

- **PGC**: Postgraduate Course
- **LS**: Lunch Symposium
- **PL**: Plenary Session
- **SY**: Symposium

### Rooms

- **MAIN ROOM**
  - SMALL AUDITORIUM
- **ROOM 01**
  - SOPHIA DE MELLO BREYNER ROOM
- **ROOM 02**
  - ALMADA NEGREIROS ROOM
- **ROOM 03**
  - LUIŠ DE FREITAS BRANCO ROOM
- **ROOM 04**
  - GLÍCÍNIA QUARTIN ROOM
# Scientific Programme Overview

**Thursday, 05th September 2019**

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<td>What's new in oesophageal motility</td>
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# Scientific Programme Overview

**Friday, 06th September 2019**

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**TANDEM meeting**

- **PL 2**
  - 09:00 Opioids and the GI tract
  - 09:30 Best abstract: Translational science
  - 09:45 Best abstract: Clinical science
  - 10:00 What does the pharmacological pipeline hold...

- **SY 4**
  - Fecal incontinence and constipation

- **SY 5**
  - Joint ESNM/ESGE endoscopy in motility disorders

- **SY 6**
  - Brain gut axis

- **SY 7**
  - Trainees symposium

- **SY 8**
  - Visceral pain mechanisms

- **SY 9**
  - ESNM/ANMA joint symposium

- **SY 10**
  - What’s hot in 2019

- **SY 11**
  - Models of motility disorders

- **SY 12**
  - Reflux disease – What’s new in 2019

**POSTER EXHIBITION** 08:30-16:00

**REGISTRATION** 07:30-18:00

**GENIEUR reloaded**

**ESNM Recharged**
# Scientific Programme Overview

**Saturday, 07th September 2019**

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<td><strong>SY 13</strong> Rome foundation</td>
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<td><strong>SY 14</strong> Gastrointestinal manifestations of systemic disease</td>
<td><strong>SY 15</strong> Portuguese language symposium</td>
<td><strong>SY 16</strong> Brain gut axis 2</td>
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<td><strong>SY 17</strong> IBS – Nature or nurture?</td>
<td><strong>SY 18</strong> At the interface – The mucosal barrier</td>
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<td>16:00</td>
<td><strong>Closing Ceremony &amp; Awards</strong></td>
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THURSDAY | 05TH SEPTEMBER

07:30h  Opening of registration desk

08:30-10:10h  POSTGRADUATE COURSE SESSION 1  MAIN ROOM

ADVANCES IN CLINICAL MEASUREMENT OF GI MOTILITY & FUNCTION
Chairs: André Smout & Daniel Sifrim

08:30-08:50h  Oropharyngeal evaluation
Nathalie Rommel

08:50-09:10h  Oesophageal motility
Philip Woodland

09:10-09:30h  GERD assessment
Edoardo Savarino

09:30-09:50h  Gastric physiology tests
Jan Tack

09:50-10:10h  Case based discussion
Sabine Roman

10:10-11:00h  Coffee Break

11:00-12:20h  POSTGRADUATE COURSE SESSION 2  MAIN ROOM

ADVANCES IN CLINICAL MEASUREMENT OF GI MOTILITY & FUNCTION
Chairs: Adam Farmer & Roberto De Giorgio

11:00-11:20h  Small intestinal motility
Vincenzo Stanghellini

11:20-11:40h  Breath tests
Adam Farmer

11:40-12:00h  Colonic and anorectal manometry
Henriette Heinrich

12:00-12:20h  Case based discussion
Emma Carrington

12:20-13:00h  Lunch/Posters | Animal models of motility/Visceral pain, brain gut axis, endoscopy in NGM, Fecal Incontinence/Constipation

13:00-13:45h  LUNCH SYMPOSIUM A  ROOM 01

SPOTLIGHT ON DIABETIC GASTROPARESIS: PATHOPHYSIOLOGY, DIAGNOSIS AND MANAGEMENT
Qasim Aziz, Jan Tack, Adam Farmer & Kelly Swaim

Full program on page 41 >

14:00-14:15h  WELCOME ADDRESS AND OPENING CEREMONY  MAIN ROOM
His Excellency the President of Republic of Portugal
President of ESNM
Chair of Local Organising Committee

14:15-15:30h  PLENARY SESSION 1  MAIN ROOM
Chairs: Giovanni Barbara & Luís Novais

14:15-14:45h  ESNM lifetime achievement award
Vincenzo Stanghellini

14:45-15:00h  Best abstract - Basic science
Psychological stress triggers a bystander immune response to food antigens leading to neuronal hyperexcitability and visceral hypersensitivity
Javier Aguilera-Lizarraga

15:00-15:30h  State of the art: Basic science – Signalling in the gut
David Grundy

15:30-16:00h  Coffee Break
16:00-18:00h  SYMPOSIUM 1 / 2 / 3

SYMPOSIUM 1  WHAT'S NEW IN OESOPHAGEAL MOTILITY  MAIN ROOM

16:00-16:30h  Diagnosis of oesophageal motility disorders
Arjan Bredenoord

16:30-16:45h  Free paper
Gastrointestinal dysfunction in autism: Altered motility and achalasia in Foxp1 +/- mice
Henning Fröhlich

16:45-17:15h  Achalasia
Serhat Bor

17:15-17:30h  Free paper
Multiple rapid swallow discriminates functional from anatomical esophago-gastric junction outflow obstruction
Marco Della Coletta

17:30-18:00h  Functional dysphagia
Frank Zerbib

SYMPOSIUM 2  NEUROGASTRO RESEARCH AT THE CUTTING EDGE  ROOM 01

16:00-16:15h  Free paper
Duodenal hyperpermeability, eosinophilia and symptoms in functional dyspepsia patients are reduced by proton pump inhibitors
Lucas Wauters

16:15-16:30h  Free paper
Assessment of small bowel motility in chronic intestinal pseudo-obstruction using caloric stimulation and dynamic MRI
Kyra L. Van Rijn

16:30-17:00h  Nonalcoholic fatty liver disaese: the relevance of food and microbiota
Helena Cortez Pinto

17:00-17:30h  Mechanisms of action of probiotics and the gastrointestinal microbiota on gut motility
Yuuki Obata

17:30-17:45h  Free paper
Sub-segmental motility patterns identified by high-resolution jejunal manometry
Carolina Malagelada

17:45-18:00h  Free paper
TRPM8 and TRPA1 MRNA expression in colonic biopsies of patients with irritable bowel syndrome and healthy controls
Zsa Zsa Weerts

18:00-18:15h  PYY mediates SCFA signalling via FFA2 and FFA3 receptors
Helen Cox

SYMPOSIUM 3  OBESITY  ROOM 02

16:00-16:30h  Microbiota under conditions of obesity
Paul Enck

16:30-16:45h  Free paper
Effect of chronodisruption by chronic jet-lag on gut homeostasis in mice
Louis Desmet

16:45-17:15h  Alteration of vagal functions in obesity
Bruno Bonaz

17:15-17:30h  Free paper
Small intestine neuromuscular dysfunctions in a mouse model of high-fat diet-induced obesity: Involvement of toll-like receptor 4 and serotonin
Silvia Cerantola

17:30-18:00h  Motility under conditions of obesity
Inge Depoortere

18:00-19:30h  WELCOME RECEPTION & FACULTY PHOTOGRAPH
FRIDAY | 06TH SEPTEMBER

07:30h  Opening of registration desk

08:00-09:00h  TANDEM MEETING  

09:00-10:30h  PLENARY SESSION 2  
Chairs: Adam Farmer & Daniel Pohl

09:00-09:30h  Opioids and the GI tract  
Asbjørn Mohr Drewes

09:30-09:45h  Best abstract: Translational science  
Activity-based profiling of secreted peptidases in irritable bowel syndrome  
Lisse Decraecker

09:45-10:00h  Best abstract: Clinical science  
Faecal Microbiota Transplantation (FMT) in IBS using a super-donor: A randomised, double-blind placebo-controlled study  
Magdy El-Salhy

10:00-10:30h  What does the pharmacological pipeline hold for the functional GI disorders over the next 5 years  
Michael Camilleri

10:30-11:00h  Coffee Break

11:00-12:45h  SYMPOSIUM 4 / 5 / 6  

SYMPOSIUM 4  
FECAL INCONTINENCE AND CONSTIPATION  
Chairs: Maura Corsetti & Mark Scott

11:00-11:15h  Free paper  
"Anal tape" a genuine external device for Fecal Incontinence (FI)  
Dan Meir Livovsky

11:15-11:30h  Free paper  
Rectal hypersensitivity in IBS: A systematic review and meta-analysis  
Chris Roberts

11:30-11:45h  Free paper  
Bergamot essential oil and its constituent linalool, inhibit cholinergically-mediated contractions of human and rat isolated colon.  
Marilisa Straface

11:45-12:15h  Investigation and evidence based management of constipation  
Maura Corsetti

12:15-12:45h  Debate: This house believes that investigations are useful in the evaluation of anorectal disorders  
For: Emma Carrington / Against: Giuseppe Chiarioni

SYMPOSIUM 5  
JOINT ESNM/ESGE ENDOSCOPY IN MOTILITY DISORDERS  
Chairs: Daniel Pohl & Bas Weusten

11:00-11:30h  Endoscopic treatment of oesophageal obstruction  
Jan Martinek

11:30-11:45h  Free paper  
Clinical outcome after singular esoflip dilation in patients with esophagogastric junction outflow obstruction  
Larissa Schnurre

11:45-12:15h  Endoscopic treatment of reflux  
Edoardo Savarino

12:15-12:45h  The endoscopist and the gastroparetic patient  
Daniel Pohl
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<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker/Speaker Details</th>
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<tbody>
<tr>
<td>11:00-11:30h</td>
<td>Microbiota gut brain axis and mood</td>
<td>Ger Clarke</td>
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<tr>
<td>11:30-11:45h</td>
<td>Free paper</td>
<td>TAK-954 (TD-8954) has anti-inflammatory properties and improves postoperative ileus in mice Nathalie Stakenborg</td>
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<td>11:45-12:15h</td>
<td>Cross-barrier communication between microbiota and the host</td>
<td>Dervla O’Malley</td>
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<td>12:15-12:45h</td>
<td>The big brain in the brain gut axis</td>
<td>Lukas Van Oudenhove</td>
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<tr>
<td>12:45-13:00h</td>
<td>Lunch/Posters</td>
<td>Functional dyspepsia, IBS, GORD, GI manifestations of systemic disease</td>
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<td>13:00-13:45h</td>
<td>LUNCH SYMPOSIUM B</td>
<td>BISACODYL: MARKETED SINCE THE 1950’S, BUT WHAT DO WE REALLY KNOW ABOUT THIS LAXATIVE? Maura Corsetti</td>
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<td>14:00-14:15h</td>
<td>The Rome process</td>
<td>Jan Tack</td>
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<tr>
<td>14:15-14:30h</td>
<td>How to get published in high impact journals</td>
<td>Magnus Simren</td>
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<tr>
<td>14:30-14:45h</td>
<td>Top tips on how to excel as a basic scientist in NG&amp;M</td>
<td>David Grundy</td>
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<tr>
<td>14:45-15:00h</td>
<td>Top tips on how to excel as a clinical scientist in NG&amp;M</td>
<td>Michael Camilleri</td>
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<tr>
<td>15:00-15:15h</td>
<td>Free paper – Trainees prize</td>
<td>Effect of lactobacillus rhamnosus strain on stress-related intestinal permeability in healthy adults (ProSPer): A randomized, double-blind placebo-controlled trial Lucas Wauters</td>
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<td>15:15-15:30h</td>
<td>How to write a successful grant application</td>
<td>Qasim Aziz</td>
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<tr>
<td>14:00-14:30h</td>
<td>Gut microbiota regulates maturation of the adult enteric nervous system via enteric serotonin networks Estelle Grasset</td>
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<td>14:30-14:45h</td>
<td>Free paper</td>
<td>Evidence of transcriptional changes in pathways regulating 5-HT release from enterochromaffin cells in irritable bowel syndrome Alexandre Denadai-Souza</td>
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<td>14:45-15:15h</td>
<td>Toll-like receptors, the enteric nervous system and neuromuscular function</td>
<td>Cecilia Giron</td>
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<td>14:00-14:30h</td>
<td>Gastroesophageal reflux disease: East meets West</td>
<td>Justin Wu</td>
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<td>14:30-15:00h</td>
<td>Functional dyspepsia and gastroparesis: East and West</td>
<td>Hiroto Miwa</td>
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<td>15:00-15:30h</td>
<td>IBS: East vs. West</td>
<td>Adam Farmer</td>
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<td>15:30-16:00h</td>
<td>Coffee Break</td>
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<tr>
<td>16:00-18:00h</td>
<td><strong>SYMPOSIUM 10</strong> WHAT’S HOT IN 2019</td>
<td>MAIN ROOM</td>
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<td>16:00-16:30h</td>
<td>Functional dyspepsia what’s hot in 2019</td>
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<td>16:30-16:45h</td>
<td>Free paper</td>
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<td>16:45-17:15h</td>
<td>Gastroparesis – What’s hot in 2019</td>
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<td>17:15-17:30h</td>
<td>Free paper</td>
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<td>17:30-18:00h</td>
<td>Irritable bowel syndrome – What’s hot in 2019</td>
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<td><strong>SYMPOSIUM 11</strong> MODELS OF MOTILITY DISORDERS</td>
<td>ROOM 01</td>
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<td>16:00-16:30h</td>
<td>Rodent models of IBS</td>
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<td>16:30-16:45h</td>
<td>Free paper</td>
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<td>16:45-17:15h</td>
<td>Animal models of parkinson’s disease</td>
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<td>17:15-17:30h</td>
<td>Free paper</td>
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<td>17:30-18:00h</td>
<td>Ex vivo human models</td>
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<td><strong>SYMPOSIUM 12</strong> REFLUX DISEASE – WHAT’S NEW IN 2019</td>
<td>ROOM 02</td>
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<td>16:00-16:30h</td>
<td>Role of hypersensitivity</td>
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<td>16:30-16:45h</td>
<td>Free paper</td>
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<td>16:45-17:15h</td>
<td>GORD diagnosis</td>
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<td>17:15-17:30h</td>
<td>Free paper</td>
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<td>17:30-18:00h</td>
<td>New treatments</td>
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<td>18:00-19:00h</td>
<td><strong>GENIEUR RELOADED</strong></td>
<td>ROOM 04</td>
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<td>18:00-18:20h</td>
<td>GENIEUR output &amp; lobbying</td>
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<td>18:20-18:40h</td>
<td>UEG LINK award help EU in IBS</td>
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<td>18:40-19:00h</td>
<td>GENIEUR spin-offs – The COST action proposal EUNICE</td>
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<td>19:00-23:30h</td>
<td><strong>ESNM RECHARGED</strong></td>
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**Final Programme**
# SATURDAY | 07TH SEPTEMBER

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<tr>
<td>08:30h</td>
<td>Opening of registration desk</td>
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<td>09:00-10:30h</td>
<td>SYMPOSIUM 13</td>
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<tr>
<td><strong>ROME FOUNDATION</strong></td>
<td>Chairs: Carlos Francisconi &amp; Giovanni Barbara</td>
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<tr>
<td>09:00-09:30h</td>
<td>Rome foundation update on activities</td>
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<td>09:30-09:50h</td>
<td>Postinfectious IBS</td>
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<td>09:50-10:10h</td>
<td>Brain gut axis in IBS</td>
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<td>10:10-10:30h</td>
<td>Food and IBS</td>
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<td>10:30-11:00h</td>
<td>Coffee Break</td>
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<td>11:00-12:45h</td>
<td>SYMPOSIUM 14 / 15 / 16</td>
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<td><strong>SYMPOSIUM 14</strong></td>
<td>GASTROINTESTINAL MANIFESTATIONS OF SYSTEMIC DISEASE</td>
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<td>11:00-11:30h</td>
<td>Diabetes</td>
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<td>11:30-11:45h</td>
<td>Free paper</td>
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<td>11:45-12:15h</td>
<td>Connective tissue disorders</td>
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<td>12:15-12:30h</td>
<td>Free paper</td>
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<td>12:30-12:45h</td>
<td>Free paper</td>
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<td><strong>SYMPOSIUM 15</strong></td>
<td>PORTUGUESE LANGUAGE SYMPOSIUM</td>
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<td>11:00-11:20h</td>
<td>GERD: The challenge of the century</td>
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<td>11:20-11:40h</td>
<td>Combined hypnosis-echography therapy in IBS</td>
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<td>11:40-12:00h</td>
<td>Can the microbiome be the key to health?</td>
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<td>12:00-12:20h</td>
<td>Free paper</td>
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### Free paper Abstracts

- Tradipitant, a novel NK-1 receptor antagonist, significantly improved nausea and other symptoms of gastroparesis in a phase II trial
- Quantified small bowel motility during MRI as a biomarker of Crohn's disease activity: A retrospective study in a paediatric population
- Overall safety and tolerability of relamorelin in adults with diabetic gastroparesis: Analysis of phase 2a and phase 2b trial data
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<tr>
<td>11:00-11:15h</td>
<td><strong>Free paper</strong></td>
<td>Gut feelings: A randomised, double-blind, placebo-controlled trial of probiotics for depressive symptoms</td>
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<td>Saskia Van Hemert</td>
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<td>11:15-11:30h</td>
<td><strong>Free paper</strong></td>
<td>Development of orlorinab, a cannabinoid type 2 receptor agonist, for the management of chronic abdominal pain disorders</td>
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<td>Brett A. English</td>
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<td>11:30-11:45h</td>
<td><strong>Free paper</strong></td>
<td>Irritable bowel syndrome and bladder pain syndrome comorbidities are associated with altered quality of life, anxiety, depression and sleep in patients with functional dyspepsia</td>
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<td>Fabien Wuestenberghs</td>
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<td>11:45-12:15h</td>
<td><strong>Brain gut axis</strong></td>
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<td>Paul Enck</td>
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<td>12:45-13:00h</td>
<td>Lunch/Posters</td>
<td>Microbiota, nutrition/Diet, obesity, oesophageal motility disorders</td>
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<td>13:00-13:45h</td>
<td><strong>LUNCH SYMPOSIUM C</strong></td>
<td><strong>MICROBIOME BASED STRATEGIES IN IBS MANAGEMENT</strong></td>
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<td>Magnus Simren</td>
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<td>14:00-15:30h</td>
<td><strong>SYMPOSIUM 17/18</strong></td>
<td><strong>IBS – NATURE OR NURTURE?</strong></td>
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<td>Chairs: Mauro D’Amato &amp; Beate Niesler</td>
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<td>14:00-14:30h</td>
<td>IBS: Is it all in the genetics</td>
<td>Beate Niesler</td>
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<tr>
<td>14:30-15:00h</td>
<td>IBS – What is the role of food &amp; environment</td>
<td>Jean Marc Sabaté</td>
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<td>15:00-15:30h</td>
<td>Overlap between IBS and organic disorders</td>
<td>Magnus Simren</td>
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<tr>
<td>14:00-15:30h</td>
<td><strong>SYMPOSIUM 18</strong></td>
<td><strong>AT THE INTERFACE – THE MUCOSAL BARRIER</strong></td>
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<td>Chairs: Guy Boeckxstaens &amp; Olga Storonov</td>
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<tr>
<td>14:00-14:30h</td>
<td>In functional dyspepsia</td>
<td>Ricard Farré</td>
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<tr>
<td>14:30-15:00h</td>
<td>In non-coeliac gluten sensitivity</td>
<td>Maria Vicario</td>
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<tr>
<td>15:00-15:30h</td>
<td>In irritable bowel syndrome</td>
<td>Guy Boeckxstaens</td>
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<tr>
<td>15:40-16:15h</td>
<td><strong>CLOSING CEREMONY AND AWARDS FOR BEST ABSTRACTS</strong></td>
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</table>
Animal models of motility and visceral pain disorders

**Discussee:**
Asbjørn Mohr Drewes, Denmark
Agata Mulak, Poland

**Location:**
Room 3

**Time:**
08:30-16:00h

**Poster Presentations**

**PTH-01** LOCALIZATION OF CANNABINOID RECEPTORS IN THE CANINE AND FELINE GASTROINTESTINAL TRACT

Roberto Chiocchetti1, Giorgia Galiazzo1, Agnese Stanzani1, Fiorella Giancola2, Claudio Tagliavia1, Margherita De Silva1, Federico Fracassi1, Marco Pietra1, 
1Department of Veterinary Medical Sciences – University of Bologna, Bologna, Italy; 2St. Orsola-Malpighi Hospital, Bologna, Italy

**Abstract:**
This study aimed to investigate the localization of cannabinoid receptors in the canine and feline gastrointestinal tract. The authors discuss the potential implications of these findings for understanding motility and visceral pain disorders in these species.

**PTH-02** ANTI-INFLAMMATORY AND EPITHELIAL PROTECTIVE EFFECTS OF HERBAL PREPARATION STW5-II ON MOUSE INTESTINAL ORGANOIDS

Mohamed Elbadawi1, Ramy M Ammar2, Heba Abdel-Kalbhenn2, Sabine Rabini2, Thomas Efferth1, 
1Department of Pharmaceutical Biology, Johannes Gutenberg University, Mainz, Germany; 2Bayer Consumer Health, Darmstadt, Germany

**Abstract:**
This research evaluated the anti-inflammatory and epithelial protective effects of the herbal preparation STW5-II on mouse intestinal organoids. The authors highlight the potential therapeutic applications of these findings.

**PTH-02A** FOOD ANTIGEN-SPECIFIC IgE ANTIBODIES IN THE DEVELOPMENT OF VISCERAL HYPERSENSITIVITY

Piyush Jain, Morgane V Flores, Javier Aguiler-Lizarra, Maria F Viola, Guy Boecxstaens, 
Department of Chronic Diseases, Metabolism and Ageing, Translational Research Center for Gastrointestinal Disorders, Laboratory for Intestinal Neuroimmune Interactions, KU Leuven, Leuven, Belgium

**Abstract:**
This study investigates the role of food antigen-specific IgE antibodies in the development of visceral hypersensitivity. The authors discuss the implications of these findings for the treatment of chronic gastrointestinal disorders.

**PTH-02B** MAS-RELATED G PROTEIN-COUPLED RECEPTOR C11 (MRGPRC11) INDUCES VISCERAL HYPERSENSITIVITY IN THE MOUSE COLON: A NOVEL TARGET IN GUT NOCICEPTION?

Samuel Van Remoortel1, Hannah Ceuleers2, Joris G De Man2, Roeland Buckinx1, Benedicte Y De Winter1, Jean-Pierre Timmermans1, 
1Lab of Cell Biology and Histology, University of Antwerp, Wilrijk, Belgium; 2Lab of Experimental Medicine and Pediatrics, Division of Gastroenterology, University of Antwerp, Wilrijk, Belgium

**Abstract:**
This research explores the role of the mas-related G protein-coupled receptor C11 (MRGPRC11) in inducing visceral hypersensitivity in the mouse colon. The authors identify this receptor as a novel target in gut nociception.

**PTH-03** WHOLE GENOME SEQUENCING ANALYSIS OF GASTROPARESIS IDENTIFIES NOVEL RISK LOCI

Sandra Smieszek, Jesse Carlin, Christos Polymeropoulos, Gunther Bizniefs, Mihael Polymeropoulos, 
Vanda Pharmaceuticals, Dc, United States

**Abstract:**
This study uses whole genome sequencing to identify novel risk loci associated with gastroparesis. The authors discuss the potential implications of these findings for the development of personalized treatment strategies.

**PTH-04** PANCREATIC CANCER CELLS ACCESS NERVES VIA TGFBETA1-MEDIATED TRANSDIFFERENTIATION OF PERINEURAL EPITHELIAL CELLS INTO MESENCHYMAL-LIKE CELLS

Ihsan Ekin Demir, Evelyn Krohmer, Dieter Saur, Helmut Friess, Güralp Ceyhan, 
Klinikum rechts der Isar, Technical University of Munich, Muensch, Germany

**Abstract:**
This research investigates the mechanisms by which pancreatic cancer cells access nerves via TGFBETA1-mediated transdifferentiation of perineural epithelial cells into mesenchymal-like cells. The authors discuss the potential implications of these findings for the development of novel therapeutic strategies.

**PTH-05** LOW-DOSE PENICILLIN EXPOSURE IN ADOLESCENT MICE HAS LONG-TERM EFFECTS ON GUT FUNCTION

Karen-Anne Mcvey Neufeld, Sohana Farhin, Thilini Delungahawatta, Balie Tomar, Wolfgang Kunze, John Bienenstock, 
McMaster Brain-Body Institute, Hamilton, Canada

**Abstract:**
This study examines the long-term effects of low-dose penicillin exposure in adolescent mice on gut function. The authors discuss the potential implications of these findings for the development of new treatments for gastrointestinal disorders.

**PTH-06** MAST CELL STABILIZERS CAN SERVE AS “CO-ANAALGESICS” IN ACUTE AND CHRONIC PANCREATITIS

Hendrik Steenfadt, Sarah Klaus, Stephan Schorn, Helmut Friess, G úralp O. Ceyhan, Ihsan Ekin Demir, 
Department of Surgery, Klinikum rechts der Isar, Technical University of Munich, Munich, Germany

**Abstract:**
This research investigates the potential of mast cell stabilizers as co-analgesics in acute and chronic pancreatitis. The authors discuss the potential implications of these findings for the development of novel therapeutic strategies.

**PTH-07** INTESTINAL RESIDENT MACROPHAGES REFINE CONNECTIVITY IN THE ENTERIC NERVOUS SYSTEM

Maria Francesca Viola, Sebastiaan De Schepper, Simon Verheijden, Pieter Vanden Berghe, Guy Boecxstaens, 
KU Leuven, Leuven, Belgium

**Abstract:**
This study examines the role of intestinal resident macrophages in refining connectivity in the enteric nervous system. The authors discuss the potential implications of these findings for understanding gastrointestinal function.

**PTH-08** CHANGES OF MACROPHAGE PHENOTYPE AND GASTROINTESTINAL MOTILITY IN MICE WITH VANCOMYCIN INDUCED DYSBIOSIS

Yoshihito Inoue, Hirokazu Fukui, Ying Ran, Takashi Kondo, Tomaoki Kono, Seiji Fukushima, Katsuyuki Tozawa, Toshihiko Tomita, Tadayuki Oshima, Hiroto Miwa, 
Hyogo college of medicine, Nishinomiya, Japan

**Abstract:**
This research investigates changes in macrophage phenotype and gastrointestinal motility in mice with vancomycin-induced dysbiosis. The authors discuss the potential implications of these findings for understanding the role of gut microbiota in gastrointestinal function.

**PTH-09** DISTENSION-EVOKED NERVE-MEDIATED SECRETION IN PORCINE DISTAL COLON

Kristin Elfers, Anna Filzmayer, Susanne Hoppe, Gemma Mazzuoli-Weber, 
Institute for Physiology and Cell Biology, University of Veterinary Medicine Hannover, Foundation, Hannover, Germany

**Abstract:**
This study investigates distension-evoked nerve-mediated secretion in porcine distal colon. The authors discuss the potential implications of these findings for understanding gastrointestinal function.

**PTH-10** THE EFFECT OF NEUROMEDIN B ON MOTILITY IN ISOLATED, VASCULARLY PERFUSED RAT COLON

Sei Jin Youn1, Ki Bae Kim2, Hyoung Woo Kim2, Joung-Ho Han1, Soo Man Yoon1, Hee Bok Chae1, Seon Mee Park1, Byeong-Seong Ko3, 
1Chungbuk National University, Cheongju, South Korea; 2Chungbuk National University Hospital, Cheongju, South Korea; 3Cheongju St. Mary’s Hospital, Cheongju, South Korea

**Abstract:**
This research examines the effect of neumedin B on motility in isolated, vascularly perfused rat colon. The authors discuss the potential implications of these findings for understanding gastrointestinal function.

**Acknowledgments:**
This work was supported by the Czech Science Foundation (19-06228S), the project 1951-2019 Projects of International Scientific and Educational Partnership, and the VEGA Grant Agency of the Ministry of Education, Science and Research of the Slovak Republic (1/0163/18, 1/0195/19, 1/0037/20).
THURSDAY | 05TH SEPTEMBER 2019

PTH-11 COMPLEMENTARY STUDY PIPELINE TO ANALYSE THE COMPLEX GENETICS OF HIRSCHSPRUNG’S DISEASE
Tanja Mederer1, Stefanie Schmitteckert1, Julia Volz2, Felix Lasitschka3, Patrick Günther3, Gudrun Rappold1, Philipp Romero1, Beate Niesler1, Stefan Holland-Cunz2, Robert Hofstra5
1Department of Human Molecular Genetics, University Hospital, Heidelberg, Germany; 2Institute of Pathology, University Hospital, Heidelberg, Germany; 3Pediatric Surgery Division, University Hospital, Heidelberg, Germany; 4Hirschsprung Research Initiative Basel-Heidelberg-Mannheim, Basel, Switzerland; 5International Hirschsprung's Disease Consortium, Rotterdam, The Netherlands

PTH-12 DIFFERENTIATION OF NEURONS FROM CULTURED HUMAN PRIMARY ENTERIC GLIAL CELLS
Alexandra Palmer1, Song-Hui Chng2, Joanne Chin-Aleong3, Charles Knowles3, Vassilis Pachnis2, Gareth Sanger1
1QMUL Blizard Institute, London, United Kingdom; 2Francis Crick Institute, London, United Kingdom; 3Royal London Hospital, London, United Kingdom

PTH-13 A MOLECULAR-BASED REGENERATIVE MEDICINE APPROACH FOR THE TREATMENT OF HIRSCHSPRUNG DISEASE
Rodolphe Soret1, Sabine Schneider2, Guillaume Bernas1, Ouliana souchkova1, Baptiste Charrier1, Franziska Righini-Grunder3, Ann Aspirot3, Christophe Faure1, Robert Heuckeroth2, Pilon Nicolas4
1University of Quebec at Montreal, Montreal, Canada; 2The Children's Hospital of Philadelphia Research Institute, Philadelphia, United States; 3Centre hospitalier universitaire Sainte-Justine, Montreal, Canada; 4Montreal, Canada

PTH-14 AN EASY QUANTITATIVE APPROACH TO OUTLINE NEURONAL ABNORMALITIES IN SEVERE GASTROTESTINAL DISMOTILITY
Elisa Boschetti1, Carolina Malagelada2, Anna Accarino2, Fernando Azpiroz2, Juan Malagelada2, Alessandra Gori1, Paolo Clavenzani1, Catia Sternini2, Vincenzo Stanghellini1, Roberto De Giorgio4
1University of Bologna, Bologna, Italy; 2University-Hospital Vall d’Hebron, Barcelona, Spain; 3UCLA, Los Angeles, United States; 4University of Ferrara, Ferrara, Italy

PTH-15 IMPACTS OF PERIGESTATIONAL EXPOSURE TO CHLORPYRIFOS (CPF) AND HIGH -FAT DIET (HFD) ON ILEUM CONTRACTILITY IN MALE RATS
Hiba El Khayat El Sabbouri1, Marion Guibourdenche1, Walaa Darwiche1, Narimane Djekkoun1, Yéronique Bach1, Wissam H Joumaa1, Wiam Ramirez2, Jérôme Gay-Quéheillard1
1Peritox laboratory, UMR-I-01, Picardy Jules Verne University, Amiens, France; 2Rammal Hassan Rammal laboratory, Physio-Toxicité Environnementale, EDST, ER 017, Lebanese University, Faculty of sciences, Nabatieh, Lebanon

PTH-16 THE INFLUENCE OF BISPHENOL A ON CO-LOCALIZATION OF NEUREGULIN 1 AND VasoACTIVE INTESTINAL POLYPEPTIDE IN THE MYENTERIC NEURONS OF THE PORCINE ASCENDING COLON KAMILA SZYMANSKA
Kamilia Szymanska
Department of Clinical Physiology, Faculty of Veterinary Medicine, University of Warmia and Mazury, Olsztyn, Poland

PTH-17 COMPLEMENTARY STUDY PIPELINE TO ANALYSE THE COMPLEX GENETICS OF HIRSCHSPRUNG’S DISEASE
Tiago Bernardo1, International Hirschprung's Disease Consortium2
1Joint together Group, SL, Lisboa, Portugal; 2safsf, Asg, Samoa

PTH-18 ISOLATION AND CULTURE OF PRIMARY MYENTERIC NEURONS AND GLIAL CELLS FROM HUMAN COLON: THE EFFECTS OF DIFFERENT CONCENTRATIONS OF NERVE GROWTH FACTOR
Alexandra Palmer1, Marilisa Straface1, Joanne Chin-Aleong2, Charles Knowles2, Gareth J Sanger1
1QMUL Blizard Institute, London, United Kingdom; 2Royal London Hospital, London, United Kingdom

PTH-19 THE CHANGES OF COLONIC CONTRACTILITY IN 5FU INDUCED MUCOSITIS IN MICE
Min Seob Kim1, JiYeong Myung2, Yong Sung Kim2, Han-Seung Ryu3, Suck Chei Choi2, Won Cheol Park3, Keun Young Kim4, Jong Min Oh5, Moon Young Lee2
1Department of Physiology, Digestive Disease Research Institute, School of Medicine, Wonkwang University, Iksan, South Korea; 2Department of Gastroenterology, Digestive Disease Research Institute, School of Medicine, Wonkwang University, Iksan, South Korea; 3Department of Surgery, Digestive Disease Research Institute, School of Medicine, Wonkwang University, Iksan, South Korea

PTH-20 HIRSCHSPRUNG’S DISEASE: UNRAVELLING MOLECULAR PATHOMECHANISMS BY THE ASSESSMENT OF PATIENTS’ MATERIAL ON COMPLEMENTARY LEVELS
Stefanie Schmitteckert1, Tanja Mederer1, Ralph Röth1, Stefan Holland-Cunz2, Vladimir Benes3, Nagarajan Paramasivam4, Felix Lasitschka5, Gudrun Rappold1, Philipp Romero6, Beate Niesler1
1Department of Human Molecular Genetics, University Hospital Heidelberg, Heidelberg, Germany; 2Hirschsprung Research Initiative Basel-Heidelberg-Mannheim, Basel, Switzerland; 3Genomics Core Facility, EMBL, Heidelberg, Heidelberg, Germany; 4Medical Faculty Heidelberg, Heidelberg University Heidelberg, Heidelberg, Germany; 5Institute of Pathology, University Hospital Heidelberg, Heidelberg, Germany; 6Pediatric Surgery Division, University Hospital Heidelberg, Heidelberg, Germany

THURSDAY | 05TH SEPTEMBER 2019

**PTH-21** ANTI-INFLAMMATORY AND BARRIER STABILIZING EFFECTS OF A HERBAL COMBINATION MEDICINE OF MYRRH, COFFEE CHARCOAL AND CHAMOMILE FLOWER EXTRACT IN A MULTI-COMPONENT CELL MODEL OF THE INFLAMED INTESTINAL MUCOSA
Laura Weber¹, Karl-Heinz Goos², Karen Nieber¹, Jürgen Amhold¹, Cica Vissienno¹
¹University of Leipzig, Leipzig, Germany; ²Repha GmbH Biologische Arzneimittel, Langenhagen, Germany

**PTH-22** IDENTIFYING A BIOLOGICAL SIGNATURE OF VULNERABILITY TO PRENATAL MATERNAL STRESS: IMPLICATIONS FOR INFANT NEURODEVELOPMENT
James M Keane¹, Ger Clarke¹, Fergus P McCarthy², Ali S Khashan³, Louise C Kenny⁴, John F Cryan⁵, Ted G Dinan⁶, Siobhain O’ Mahony⁷
¹University College Cork, Cork, Ireland; ²Irish Centre for Fetal and Neonatal Translational Research, Cork, Ireland; ³University of Liverpool, Liverpool, United Kingdom

**PTH-22A** CONSTIPATION AND GUT MOTILITY IS ASSOCIATED WITH POSTURE INSTABILITY: ROLE OF MUSCLE TRIGGER POINTS AND POTENTIAL TO TREAT BY TARGETED DRY NEEDLING
Rostyslav V Bubnov¹, Lev Kalika², Mykola Y Spivak³
¹Clinical Hospital Pheophania, Kyiv, Ukraine; ²NY Dynamic Neuromuscular Rehabilitation & Physical Therapy https://nydnrehab.com/, Kyiv, Ukraine; ³Zabolotny Institute of Microbiology and Virology, Kyiv, Ukraine

**PTH-22B** THE EFFECT OF EXPERIMENTALLY-INDUCED OESOPHAGEAL HYPERSENSITIVITY ON CONDITIONED PAIN MODULATION
Ahmed Albudosna, Ruaya Idrees, Adam Farmer, Qasim Aziz
The Wingate Institute for Neurogastroenterology, QMUL, Barts and the London SMD, London, United Kingdom

**PTH-22C** DIFFERENTIAL EFFECTS OF OXIDATIVE STRESS ON MOUSE JEJUNAL AND COLONIC MECHANOSENSITIVE AFFERENT
Asma Almuhmamdi¹, David Grundy²
¹Department of bioscience, King Abdulaziz University, Jeddah, Saudi Arabia; ²Department of biomedical science, University of Sheffield, Sheffield, United Kingdom

**PTH-23** INCREASED RESTING STATE FUNCTIONAL CONNECTIVITY BETWEEN REGIONS OF REDUCED BRAIN VOLUME IN IRRITABLE BOWEL SYNDROME
Rozalyn Simon, Nawroz Barazanjí, Olga Bednarska, Susanna Walter
Linköping University, Linköping, Sweden

**PTH-24** FATIGUE IN IRRITABLE BOWEL SYNDROME: ASSOCIATION WITH BOTH MESOCORTICOLIMBIC CONNECTIVITY AND INSULAR NEUROTRANSMITTER CONCENTRATIONS
Anna-Karin Norlin¹, Susanna Walter¹, Olga Bednarska¹, Sofie Tapper², Peter Lundberg³, Anders Tisell¹, Adriane Icnhour², Rozalyn Simon¹, Maria Engström¹
¹Linköping University, Linköping, Sweden; ²University Hospital Essen, University of Duisburg-Essen, Essen, Germany

**PTH-25** LONG TERM SAFETY AND EFFICACY OF A MEDICAL DEVICE CONTAINING XYLOGLUCAN, PEA PROTEIN RETICULATED WITH TANNINS AND XYLO-OLIGOSACCHARIDES, IN PATIENTS WITH DIARRHEA PREDOMINANT IRRITABLE BOWEL SYNDROME
Enrique Rey¹, Blanca Serrano Falcon¹, Federico Arguelles², Esperanza Perez³, Constanza Ciriza³, Carlos Teruel³, Fernando Geijo³
¹Hospital Clinico San Carlos, Madrid, Spain; ²Hospital Virgen Macarena, Sevilla, Spain; ³Hospital Reina Sofia, Cordoba, Spain; ⁴Hospital 12 Octubre, Madrid, Spain; ⁵Hospital Ramon y Cajal, Madrid, Spain; ⁶Hospital Clínico Universitario de Salamanca, Salamanca, Spain

**PTH-25A** ACUTE COLITIS FOLLOWING CHRONIC TRAUMATIC BRAIN INJURY IN MICE INDUCES PERSISTENT NEUROBEHAVIORAL DEFICITS
Marie Hanscom, David J. Loane, Terez Shea-Donohue, Alan Faden
University of Maryland, Baltimore, United States

**PTH-26** CO-STIMULATING INFLUENCE OF R-SPONDIN1 ON THE PROLIFERATION OF ENTERIC PROGENITOR CELLS DERIVED FROM MICE AND HUMAN PATIENTS IN VITRO
Melanie Schar¹, Peter Neckel¹, Karin Seid¹, Simon Scherer², Lothar Just¹
¹Institute of Clinical Anatomy and Cell Analysis, Tübingen, Germany; ²Department of Pediatric Surgery, University Children’s Hospital Tübingen, Tübingen, Germany

**02 POSTER EXHIBITION**
08:30-16:00h
ROOM 3

**Brain gut axis**
Discussant: Qasim Aziz, United Kingdom
Goran Hauser, Croatia
PTH-27 ACTIVATED ENTERIC GLIAL CELLS IN THE COLON OF PATIENTS WITH IRRITABLE BOWEL SYNDROME: INFLUENCE ON BACTERIAL PASSAGE
Felipe M De-Faria1, Mike Jones2, Susanna Walter1, Åsa V Keita1
1Linköping University, Linköping, Sweden; 2Macquarie University, Sydney, Australia

PTH-28 NEUROHUMORAL MECHANISMS OF DECREASED FOOD INTAKE AND BODY WEIGHT GAIN AFTER NEUROMODULATION OF VAGUS NERVE IN RATS FED A HIGH-FAT DIET
Krzysztof Gil, Magdalena Kurnik-Lucka, Agata Furgala
Jagiellonian University Medical College - Department of Pathophysiology, Krakow, Poland

PTH-29 FRIZZLED-4 – A NEW PLAYER IN THE IDENTIFICATION OF HUMAN ENS PROGENITOR CELLS
Peter Neckel, Melanie Schar, Karin Seid, Lothar Just
Institute of Clinical Anatomy and Cell Analysis, Tübingen, Germany

PTH-30 LOW CONCENTRATIONS OF ARGinine VASOPRESSIN (AVP) ACT AT V1A RECEPTORS IN HUMAN STOMACH TO INCREASE FREQUENCY AND AMPITUDE OF SPONTANEOUS RHYTHMIC CONTRACTIONS: ROLE IN NAUSEA
Raj Makwana1, Shezan Elahi1, Miriam Adebibe2, John Loz2, Gareth J Sanger1
1Queen Mary University of London, London, United Kingdom; 2Homerton Hospital, London, United Kingdom

PTH-31 CIRCADIAN RHYTHM SEEMS INTACT IN PATIENTS WITH TYPE 1 DIABETES AND AUTONOMIC DYSFUNCTION AND ENTEROPATHY
Anne-Marie Langmach Wegeberg1, Therese Meldgaard2, David Baumeister3, Jonas Tesarz1
1Department of General Internal Medicine and Psychosomatics, University Hospital Heidelberg, Heidelberg, Germany; 2Department of Gastroenterology and Hepatology, University Hospital Heidelberg, Heidelberg, Germany; 3Division of Internal Medicine, Department of Psychosomatic Medicine, University Hospital Basel, Heidelberg, Germany

PTH-32 RANDOMISED CONTROLLED TRIAL: FACE TO FACE VERSUS AUDIO-VISUAL EDUCATION PROGRAMME IN IBS PATIENTS
Valentina Passananti, Natalia Zarate-Lopez, Christopher Perrin, Julie Storrie, Amanda Ræburn, Anton Emmanuel
University College of London Hospital, London, United Kingdom

PTH-33 PSYCHODYNAMIC DIFFERENCES IN CROHN’S DISEASE, ULCERATIVE COLITIS AND HEALTHY CONTROLS, A CROSS-SECTIONAL STUDY
Felicitas Engel1, Sabrina Berens1, David Baumeister1, Annika Gauss1, Rainer Schaeffert1, Jonas Tesarz1
1Department of General Internal Medicine and Psychosomatics, University Hospital Heidelberg, Heidelberg, Germany

PTH-34 MIXED METHOD APPROACH INVESTIGATING PATIENT PSYCHOPATHOLOGY AND PHYSICIAN EXPERIENCES IN PRIMARY CARE SETTINGS
Alicia Georgiades1, Anna Accarino2, Amanda Rodriguez-Urrutia2, Francisco José Eiroa Orosa1
1University of Barcelona, Barcelona, Spain; 2University Hospital Vall d’Hebron, Universitat Autònoma de Barcelona, Barcelona, Spain

PTH-35 EARLY LIFE STRESS INDUCES TYPE 2 DIABETES-LIKE FEATURES IN AGEING MICE
Hanna Ilichmann-Dionou, Maiwenn Olier, Corinne Lencina, Ariberta, Sharon Barretto, Hervé Guillou, Sandrine Ellero-Simatos, Laurence Guzyfalc-Piriou, Vassilia Théodorou, Sandrine Ménard
INRA Toxalim, Toulouse, France

PTH-36 MULTIELECTRODE ARRAYS AS TOOLS FOR THE INVESTIGATION OF PATHOLOGICAL CHANGES IN THE ENTERIC NERVOUS SYSTEM
Steven Schulte, Eva Loris, Anne Braun, Manuela Gries, Holger Rabe, Karl-Herbert Schäfer
University of Applied Sciences Kaiserslautern, Zweibrücken, Germany

PTH-37 ASSOCIATION BETWEEN INTERSTITIAL CELLS OF CAJAL AND ANTI-VINCULIN ANTIBODY IN HUMAN STOMACH
Ji Hyun Kim, Seung-Joo Nam, Sang Hoon Lee, Tae Suk Lim, Minjong Lee, Jin Myung Park, Dae Hee Choi, Chang Don Kang, Sung Joon Lee, Sung Chul Park
Kangwon National University Hospital, Chuncheon, South Korea

PTH-38 DOES MOTILIN REGULATE GASTROINTESTINAL (GI) MOTILITY OF BULLFROG (LITHOBATES CATESBEIANA)? IN VITRO STUDY USING ISOLATED GI STRIPS.
Takio Kitazawa1, Shuangyi Zhang1, Hiroki Teraoka1, Yuji Okuhara1, Hiroyuki Kiyama2
1Rakuno Gakuen University, Ebetsu, Japan; 2National Cerebral and Cardiovascular Center Research Institute, Suita, Japan
PHT-39  A POPULATION-BASED STUDY OF ASSOCIATIONS BETWEEN FUNCTIONAL GASTROINTESTINAL DISORDERS AND LIFE STYLE IN X’IAN, CHINA
Junrong Xu1, Lijuan Hei1, Shifen Ma1, Hengfang Zhao2, Lei Shang2
1Department of Gastroenterology, The affiliated hospital of Northwest University, Xi’an No.3 hospital, Xi’An, China; 2Department of Health Statistics, Air Force Medical University, Xi’an, China

PHT-40  SMARTPHONE-BASED SYMPTOM ASSESSMENT USING THE EXPERIENCE SAMPLING METHOD PROVIDES INSIGHT INTO PATIENT SPECIFIC STRESS-ABDOMINAL PAIN INTERACTION IN IRRITABLE BOWEL SYNDROME
Lisa Vork1, Daniel Keszthelyi1, Sander Van Kuijk1, Emilio Quetglas2, Zlatan Mujagic3, Carsten Leue1, Joanna Kruimel1, Ad Masclée1
1Maastricht University Medical Center, Maastricht, The Netherlands; 2Grünenthal GmBH, Aachen, Germany

PHT-41  PREVALENCCE OF OPIOID THERAPY IN PATIENTS WITH FUNCTIONAL GASTROINTESTINAL DISORDERS REVIEWED AT A TERTIARY CENTRE
Amir Mari1, Marcella Pesce2, Anton Emmanuel2, Natalia Zarate Lopez2
1Nazareth Hospital EMMS, Nazareth, Israel; 2UCLH, London, United Kingdom

PHT-42  IDENTIFICATION OF GHRELIN AND MOTILIN IN THE PHEASANT, AND THEIR MECHANICAL ACTIONS IN ISOLATED GASTROINTESTINAL TRACT
Shuangyi Zhang1, Ichiro Sakata2, Hiroyuki Kiyai3, Hiroki Teraoka1, Yuji Okuhara1, Takio Kitazawa1
1Rakuno Gakuen University, Ebetsu, Japan; 2Saitama University, Saitama, Japan; 3National Cerebral and Cardiovascular Center Research Institute, Suita, Japan

PHT-43  THE CHANGE OF IRRITABLE BARRIER AS AGING AND IRRTABLE BOWEL SYNDROME, PRELIMINARY STUDY
Yong Hwan Kwon, Ji Yong Hwang, Ji Hye Park
Kyungho National University Hospital, Daegu, South Korea

PHT-44  CEREBELLAR GREY MATTER VOLUME REDUCTION IN IBS IS CORRELATED TO PAIN AND ADAPTIVE BEHAVIOR
NAWRZ Barazanj1, Olga Bednarska1, Rozalyn Simon2, Susanna Walter2
1Department of Clinical and Experimental Medicine, Linköping University, Linköping, Sweden; 2Department of Medical and Health Sciences, Linköping University, Linköping, Sweden

PHT-45  CENTRAL BLOCKAGE OF NESFATIN-1 HAS ANXIOLYTIC EFFECTS BUT DOES NOT PREVENT CORTICOTROPIN-RELEASING FACTOR-INDUCED ANXIETY OR DEPRESSIVENESS IN MALE RATS
Stephanie Gladys Kühne1, Martha Anna Schalla1, Tieno Friedrich1, Peter Kobelt1, Miriam Goebel-Stengel7, Melissa Long3, Marion Rivalan1, York Winter2, Matthias Rose1, Andreas Stengel1
1Charité Center for Internal Medicine and Dermatology, Department for Psychosomatic Medicine, Charité-Universitätsmedizin Berlin, Corporate Member of Freie Universität Berlin, Humboldt-Universität zu Berlin, and Berlin Institute of Health, Berlin, Germany; 2Department of Psychosomatic Medicine and Psychotherapy, University Hospital Tübingen, Tübingen, Germany; 3Cognitive Neurobiology, Berlin Mouse Clinic for Neurology and Psychiatry, Humboldt University, Berlin, Germany

PHT-46  PSYCHOMETRIC EVALUATION OF AN ESM-BASED PATIENT-REPORTED OUTCOME MEASURE FOR SYMPTOM ASSESSMENT IN IRRITABLE BOWEL SYNDROME: A PILOT STUDY
Lisa Vork1, Daniel Keszthelyi1, Sander Van Kuijk1, Zlatan Mujagic1, Emilio Quetglas2, Carsten Leue1, Joanna Kruimel1, Ad Masclée1
1Maastricht University Medical Center, Maastricht, The Netherlands; 2Grünenthal GmBH, Aachen, Germany

PHT-47  RELEVANCE OF CENTRAL SENSITIZATION FOR GASTROINTESTINAL SYMPTOMS
Irina Midenford1, Cecilia Grinsvald2, Peter Koj3, Hans Törnblom1, Magnus Simrén2
1Institute of Medicine, Gothenburg, Sweden; 2Sahlgrenska Academy, Gothenburg, Sweden; 3University of Gothenburg, Gothenburg, Sweden

PHT-48  CHANGES OF THE ENTERIC NERVOUS SYSTEM IN A PARKINSON’S DISEASE MOUSE MODEL BEFORE CLINICAL ONSET
Manuela Gries1, Anne Braun1, Steven Schulte1, Maxmilian Weyland1, Matthias Laschke2, Marko Baller1, Yang Liu3, Michael Schrada4
1University of Applied Sciences Kaiserslautern, Zweibrücken, Germany; 2Saarland University, Institute for Clinical & Experimental Surgery, Homburg, Germany; 3Saarland University, Department of Neurology, Homburg, Germany; 4University of Kaiserslautern, Kaiserslautern, Germany

PHT-49  PSYCHOMOTOR DEVELOPMENT IN RELATION TO THE SEVERITY OF STUNTING AND PAEDIATRIC ENVIRONMENTAL ENTEROPATHY (PEE) – AFRIBIOTA PROJECT
Maria Doria1, Pascale Vonaesch1, Tatano Rajaonarivo2, Zlatan Mujagic1, Emilio Questglas2, Joanna Kruimel1, Ad Masclee1
1Institute Pasteur, Paris, France; 2Institute Pasteur, Antananarivo, Madagascar

PHT-50  DIARRHOEA-PREDOMINANT IRRITABLE BOWEL SYNDROME COLONIC BIOPSIES EXHIBIT TUFT CELL HYPERPLASIA.
Maevé Connolly, Jessica Aigbologa, Rebecca O’Brien, Maria M Buckley, Juliette M Buckley, Dervla O’Malley
University College Cork, Cork, Ireland

PHT-51  ASSESSING NEEDS OF IBS PATIENTS WITH REGARD TO HEALTHCARE DELIVERY – A FOCUS GROUP STUDY IN DUTCH PATIENTS
Johanna Snijkers, Ad Masclée, Joanna Kruimel, Daniel Keszthelyi
MaastrichtUMC+, Maastricht, The Netherlands
THURSDAY | 05TH SEPTEMBER 2019

PTH-52  NON-DIABETIC PATIENTS WITH GASTROPARESIS-LIKE SYMPTOMS ASSESSED WITH GASTRIC EMPTYING SCINTIGRAPHY AND WIRELESS MOTILITY CAPSULE
Mattis Bekkelund1, Dag André Sangnes2, Lars Aabakken1, Georg Dmcevski1, Jan Gunnar Hatlebakk1
1Department of Clinical Medicine, University of Oslo and National Centre for Functional Gastrointestinal Disorders, Department of Medicine, Haukeland University Hospital, Oslo, Norway; 2National Centre for Functional Gastrointestinal Disorders, Department of Medicine, Haukeland University Hospital and Department of Clinical Medicine, University of Bergen, Bergen, Norway; 3Department of Clinical Medicine, University of Oslo and Department of Transplantation Medicine, Section for Gastroenterology, Oslo University Hospital, Oslo, Norway; 4Department of Clinical Medicine, University of Bergen, Bergen, Norway

PTH-53  PSYCHOLOGICAL CHARACTERISTICS OF PATIENTS VISITED BRAIN-GUT STRESS CLINIC: FOCUS ON DEPRESSION, ANXIETY, CHILDHOOD TRAUMA AND RESILIENCE
Suck Chei Choi1, Yong Sung Kim1, Han Seung Ryu1, Sang-Yeol Lee2, Seung-Ho Jang2
1Division of Gastroenterology, Department of Internal Medicine, Wonkwang University Hospital, Digestive Disease Research Institute, Iksan, South Korea; 2Department of Psychiatry, Wonkwang University Hospital, Digestive Disease Research Institute, Iksan, South Korea

PTH-54  EVALUATING THE CORRELATION BETWEEN CANCER PROGRESSION AND MAST-CELL MEDIATED DISTRESS IN Pancreatic Cancer: the Pancstress Study
Paulo L. Pfitzinger1, Eloisa Salvo-Romero2, Helmut Fries3, Ihsan Ekin Demir2
1University of Schleswig-Holstein, Campus Lübeck, Lübeck, Germany; 2Division of Gastroenterology, Department of Internal Medicine, University Hospital of Hamburg, Hamburg, Germany; 3Department of Surgery, Klinikum rechts der Isar, Technical University of Munich, School of Medicine, Munich, Germany; 4Univesitat Autonoma de Barcelona, Barcelona, Spain

PTH-55  EFFECTS OF ASTRESSIN 2B AND NESFATIN-1 ON FOOD AND WATER INTAKE IN SUNCUS MURINUS
Sze Wa Chan1, Zengbing Lu1, Ichiro Sakata2, Takafumi Sakai2, Ge Lin2, John A Rudd3
1Caritas Institute of Higher Education, Hong Kong, Hong Kong SAR; 2Saitama University, Saitama, Japan; 3The Chinese University of Hong Kong, Hong Kong, Hong Kong SAR

PTH-56  TRUST IN THE GASTROENTEROLOGIST AND TRUST IN THE INTERNET: DO THEY GO AGAINST EACH OTHER IN IRRITABLE BOWEL PATIENTS?
Tudor-Stefan Rotaru1, Carmen Anton2, Oana Barboi2, Catalina Mihai2, Gabriela Stefanescu2, Vasile Drug2
1University of Medicine and Pharmacy Gr. T. Popa Iasi, Iasi, Romania; 2University of Medicine and Pharmacy Gr. T. Popa Iasi, University Hospital St Spiridon, Institute of Gastroenterology and Hepatology, Iasi, Romania

PTH-57  PROFILING BIOMARKERS IN THE GUT OF A PARKINSON’S DISEASE MOUSE MODEL
Anne Braun1, Manuela Gries1, Stefanie Schmitteckert1, Ralph Roeth2, Beate Niesler1, Karl-Herbert Schäfer1
1University of Applied Science Kaiserslautern, Zweibrücken, Germany; 2University of Heidelberg, Heidelberg, Germany

PTH-58  IMPACT OF HIGH-FAT DIET AND TOLL-LIKE RECEPTOR 4 SIGNALING ON THE INTEGRITY OF MOUSE ENTERIC AND CENTRAL NERVOUS SYSTEMS
Ilaria Marsilio1, Valentina Caputi1, Silvia Cerantola1, Michela Bistoletti1, Cristina Girioni2, Morena Zusso1, Maria Cecilia Giron1
1University of Padova, Padova, Italy; 2University of Insubria, Varese, Italy

PTH-59  AFFECTIVE DETERMINANTS OF SYMPTOM SEVERITY IN IBS PATIENTS
Sanda Pletikosic Toncic1, Mladenka Tkalcic2, Filip Blazic1, Rosana Troskot Peric1, Anja Radovan3, Goran Hauser3
1Department of Psychology, Faculty of Humanities and Social Sciences, University of Rijeka, Croatia; 2Department of Psychology, Faculty of Humanities and Social Sciences, University of Rijeka, Croatia; 3Department of Internal Medicine, Division of Gastroenterology, Clinical Hospital Centre Rijeka, 51000 Rijeka, Croatia, Rijeka, Croatia; 4University Hospital Sveti Duh, Department of Hepatology and Gastroenterology, 10000 Zagreb, Croatia; 5Department of Psychology, Faculty of Social Research, 31000 Osijek, Croatia; 6Department of Internal Medicine, University of Osijek Medical School, 51000 Osijek, Croatia, Croatia, Rijeka, Croatia; 7Department of Pathophysiology, Krakow, Poland; 8Department of Internal Medicine, Division of Gastroenterology, Clinical Hospital Centre Rijeka, 51000 Rijeka, Croatia, Rijeka, Croatia; 9Department of Pathophysiology, Krakow, Poland; 10Department of Pathophysiology, Krakow, Poland; 11Department of Psychology, Faculty of Humanities and Social Sciences, University of Rijeka, Croatia; 12Department of Internal Medicine, Division of Gastroenterology, Clinical Hospital Centre Rijeka, 51000 Rijeka, Croatia, Rijeka, Croatia; 13Department of Pathophysiology, Krakow, Poland; 14Department of Pathophysiology, Krakow, Poland; 15Department of Pathophysiology, Krakow, Poland; 16Department of Pathophysiology, Krakow, Poland; 17Department of Pathophysiology, Krakow, Poland; 18Department of Pathophysiology, Krakow, Poland; 19Department of Pathophysiology, Krakow, Poland; 20Department of Pathophysiology, Krakow, Poland; 21Department of Pathophysiology, Krakow, Poland; 22Department of Pathophysiology, Krakow, Poland; 23Department of Pathophysiology, Krakow, Poland; 24Institute of Nuclear Physics Polish Academy of Sciences, Krakow, Poland

PTH-60  DIFFERENT EXPRESSION OF NEUROTROPIC FACTORS IN THE SUBTYPES OF IRRITABLE BOWEL SYNDROME
Ju Yup Lee, Kyung Sik Park, Yoo Jin Lee
Kimyung University School of Medicine, Daegu, South Korea

PTH-61  THE EFFECT OF KISSPEPTIN ON THE BRAIN – GUT AXIS ELEMENTS IN THE ACTIVITY-BASED ANOREXIA (ABA) RATS
Kamil Skowron1, Paulina Stach1, Krzysztof Jasinski2, Magdalena Kurnik-Lucka1, Anna Gill1, Veronika Aleksandrovych1, Agnieszka Baranowska2, Michal Jurczyk1, Wladyslaw Weglarz2, Krzysztof Gill1
1Jagiellonian University Medical College - Department of Pathophysiology, Krakow, Poland; 2Institute of Nuclear Physics Polish Academy of Sciences, Krakow, Poland

PTH-61A  ANALGESIC AND ANTI-INFLAMMATORY EFFECTS OF THE FXR-FGF19 AXIS ACTIVATION IN ULCERATIVE COLITIS
Agata Mulak
Wrocław, Poland
THURSDAY | 05TH SEPTEMBER 2019

03 POSTER EXHIBITION

08:30-16:00h ROOM 3

Endoscopy in Neurogastroenterological and Motility Disorders
Discussant: Serhat Bor, Turkey
Frank Zerbib, France

PTH-62 ROLE OF ENDOFLIP SIGNAL AVERAGING IN MEASURING DYNAMIC PYLORIC MOTOR FUNCTION AND THERAPEUTIC RESPONSE TO G-POEM IN REFRACTORY GASTROPAESIS
Lydia Watts, Jason R. Baker, Allen A. Lee, Nicole Bowers, Ryan J. Law, William L. Hasler
University of Michigan Health System, Ann Arbor, United States

PTH-63 POEM IN PATIENTS WITH ACHALASIA OF NORMAL IRP
Eunju Kim, Inkyung Yoo, Da Hyun Jung, Joo Young Cho, Sung Pyo Hong
CHA University, Seongnam, South Korea

PTH-64 WHAT IS APPROPRIATE UPPER ENDOSCOPIC INTERVAL AMONG DYSPEPTIC PATIENTS WITH PREVIOUSLY NORMAL ENDOSCOPY? A KOREAN MULTICENTER STUDY WITH BAYESIAN CHANGE POINT ANALYSIS
Jong Wook Kim1, Kee Wook Jung2, Joong Kyu Park3, Ki Bae Bang4, Chung Hyun Tae5, Jung Hwan Oh6
1Inje University Ilsan Paik Hospital, Goyang, South Korea; 2Asan Medical Center, Seoul, South Korea; 3Daegu Catholic University School of Medicine, Daegu, South Korea; 4Gangneung Asan Hospital, Gangneung, South Korea; 5Dankook University College of Medicine, Cheonan, South Korea; 6Ewha Womans University Hospital, Seoul, South Korea; 7The Catholic University of Korea, Seoul, South Korea

PTH-65 ‘ESOPHAGEAL REMODELING’ AFTER PERORAL ENDOCOPIC MYOTOMY (POEM) IN SIGMOID-TYPE ACHALASIA
Young Hoon Youn1, Hong Jin Yoon1, Da Hyun Jung1, Jun Chul Park2, Hyojin Park1
1Gangnam Severance Hospital, Yonsei University, Seoul, South Korea; 2Yonsei University College of Medicine, Seoul, South Korea

PTH-66 SEVOFLURANE INFLUENCES ESOPHAGOGASTRIC JUNCTION DISTENSIBILITY IN THE ABSENCE OF ESOPHAGEAL INFLAMMATION.
Alain Benitez1, Denis Jablonka1, Varun Sahu1, Craig Gluckman2, Maureen Demarshall3, Svetlana Ostapenko4, Gary Falk5, Kristle Lynch6, Calies Menard-Katcher7, Amanda Muir1
1Children’s Hospital of Philadelphia, Philadelphia, United States; 2University of Pennsylvania, Philadelphia, United States; 3Children’s Hospital Colorado, Aurora, United States

PTH-67 PNEUMATIC DILATATION WITHOUT FLUOROSCOPY FOR ACHALASIA TREATMENT
Sujin Kim, Cheolwoong Choi, Hyungwook Kim, Dae Hwan Kang, Subum Park, Hyeongseok Nam, Daegon Ryu
Pusan National University Yangsan Hospital, Yangsan, South Korea

PTH-68 CLINICAL OUTCOME OF PNEUMATIC DILATATION FOR PEDIATRIC PATIENTS WITH ACHALASIA
Sujin Kim, Subum Park, Hyeongseok Nam, Daegon Ryu
Pusan National University Yangsan Hospital, Yangsan, South Korea

PTH-69 CASES OF HYPERINFLATION INJURY DURING ESOPHAGOGASTRODUODENOSCOPY
Ki Bae Kim1, Hyung Woo Kim1, Joong-Ho Han2, Soon Man Yoon2, Hee Bok Chae2, Seon Mee Park2, Sei Jin Yoon2, Byeong-Seong Ko3
1Chungbuk National University Hospital, Cheonju, South Korea; 2Chungbuk National University, Cheongju, South Korea; 3Cheongju St. Mary’s Hospital, Cheongju, South Korea

PTH-70 DEFINING GASTROINTESTINAL TRANSIT TIME USING VIDEO CAPSULE ENDOSCOPY: A STUDY OF HEALTHY CONTROLS
John O’Grady1, Clodagh L. Murphy1, Lillian Barry2, Martin Buckley2
1University College Cork, Cork, Ireland; 2Mercy University Hospital, Cork, Ireland

04 POSTER EXHIBITION

08:30-16:00h ROOM 3

Faecal incontinence and constipation
Discussant: Maura Corsetti, United Kingdom
Emma Carrington, United Kingdom

PTH-70A A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY FOR THE EFFECT OF MACHIHYEON IN PATIENTS WITH CONSTIPATION
Jeong Eun Shin1, Jung Ho Choi2, Ki Bae Bang1
1Dankook University College of Medicine, Cheonan, South Korea; 2Research Institute R&D Center, Korea Drug Co., Ltd., Seoul, South Korea

PTH-71 REAL-WORLD INSIGHTS ON GENDER DIFFERENCES ON THE IMPACT OF CONSTIPATION TO DAILY LIFE
Robert Lange1, Anjali Trasy2, Petra Kammann1
1Consumer HealthCare, Medical Affairs, SANOFI, Frankfurt, Germany; 2Consumer HealthCare, Medical Affairs, SANOFI, Bridgewater, New-Jersey, United States

PTH-72 ABNORMAL BALLOON EVACUATION IN IBS: RELEVANCE FOR SYMPTOMS?
Dagsu Y. Demir, Hans Törnblom, Magnus Simrén
Sahlgrenska University Hospital, Gothenburg, Sweden
THURSDAY | 05TH SEPTEMBER 2019

PTH-73  CELLULAR AND MOLECULAR TARGETS IN INTRACTABLE SYMPTOMS OF CHRONIC CONSTIPATION
Hee-Kyun Lim1, Seung-Bum Ryoo2, Tae Sik Sung3, Jiyeon Lee4, Sang Don Koh5
1Yonsei University Wonju College of Medicine, Wonju, South Korea; 2Seoul National University College of Medicine, Seoul, South Korea; 3University of Nevada Reno, Reno, United States

PTH-74  RELATIONSHIP BETWEEN STOOL FORM AND QUALITY OF LIFE IN PATIENTS WITH CHRONIC CONSTIPATION: AN INTERNET QUESTIONNAIRE
Hidenori Ohkubo, Tomohiro Takatsu, Noboru Misawa, Tsutomu Yoshihara, Keiichi Ashikari, Tetsuya Matsuura, Akiko Fuyuki, Takuma Higurashi, Atsushi Nakajima, Keiichi Ashikari, Tetsuya Matsuura, Akiko Fuyuki, Takuma Higurashi, Atsushi Nakajima, Hidenori Ohkubo, Tomohiro Takatsu, Noboru Misawa, Tsutomu Yoshihara, Keiichi Ashikari, Tetsuya Matsuura, Akiko Fuyuki, Takuma Higurashi, Atsushi Nakajima

PTH-75  CELLULAR AND MOLECULAR TARGETS IN PATIENTS WITH PARKINSON’S DISEASE AND CHRONIC CONSTIPATION
Fiorella Giancola1, Francesco Torresan1, Giorgia Nanni2, Alessandro Aimani3, Daniele Mandolesi2, Francesca Bianco2, Elisa Boschetti2, Anna Costanzini2, Vincenzo Stanghellini4, Roberto De Giorgio4
1St. Orsola-Malpighi Hospital, Bologna, Italy; 2Dept. Medical and Surgical Sciences, University of Bologna, Bologna, Italy; 3Gastroenterology Unit, 2nd Department of Surgery, Athens, Greece; 4Dept. Medical Sciences, University of Ferrara, Ferrara, Italy

PTH-76  DIAGNOSTIC YIELD AND AGREEMENT OF BALLOON EXPULSION TEST, HIGH RESOLUTION ANORECTAL MANOMETRY, AND DEFECOGRAPHY IN PATIENTS WITH INTRACTABLE SYMPTOMS OF CHRONIC CONSTIPATION
Kwang Jae Lee1, Hong Sub Lee2, Jin Woong Park1
1Ajou University Hospital, Suwon, South Korea; 2Inje University Hospital, Busan, South Korea

PTH-77  QUALITY OF THE INTERNET INFORMATION FOR KOREAN PATIENTS WITH FUNCTIONAL CONSTIPATION
Kyung Sik Park1, Yoo Jin Lee1, Han Seung Ryu2, Young Sin Cho3, Jung Wook Kim4, Seon-Young Park2, Tae Hee Lee5
1Keimyung University School of Medicine, Daegu, South Korea; 2Wonkwang University School of Medicine, Iksan, South Korea; 3Soochunhyang University College of Medicine, Cheonan, South Korea; 4Kyung Hee University School of Medicine, Seoul, South Korea; 5Chonnam National University Hospital, Gwangju, South Korea

PTH-78  CLINICAL AND MANOMETRIC FACTORS THAT INFLUENCE THE SEVERITY OF FECAL INCONTINENCE
Constanza Ciriza De Los Rios, Isabel Castel, Fernando Canga
Hospital Universitario 12 de Octubre, Madrid, Spain

PTH-79  PELVIC FLOOR BIOFEEDBACK IS EFFECTIVE TREATMENT FOR BLOATING IN FUNCTIONAL GASTROINTESTINAL DISORDERS WITH OUTLET DYSPFCTION
Paola Iovino1, Maria Cristina Neri2, Lucia D’Alba3, Francesca Cidoni4, Giuseppe Chiarioni4
1Department of Medicine, Surgery & Dentistry “Scuola Medica Salernitana”, University of Salerno, Salerno, Italy; 2PIO Albergo Trivulzio Hospital, Milano, Italy; 3S. Giovanni Addolorata Hospital, Roma, Italy; 4Division of Gastroenterology B, AOUI Verona, Verona, Italy

PTH-80  EXTERNAL VALIDATION OF PREDICTIVE MODEL FOR DELAYED BALLOON EXPULSION TEST BASED ON THREE-DIMENSIONAL INTEGRATED PRESSURIZED VOLUME ANALYSIS WITH HIGH-RESOLUTION ANORECTAL MANOMETRY
Myeongsook Seo1, Seyeong Joo2, Kee Wook Jung3, Seung-Jae Myung2
1Gangneung Asan Hospital, Gangneung, South Korea; 2Asan Medical Center, Seoul, South Korea

PTH-81  HIGH RESOLUTION ANORECTAL MANOMETRY PERFORMED ON PATIENTS WITH FECAL INCONTINENCE AFTER LOW ANTERIOR RESECT-TION SURGERY FOR RECTAL CANCER
Laura López Couceiro, Isabel Castel, Fernando Canga, Constanza Ciriza De Los Rios
Hospital Universitario 12 de Octubre, Madrid, Spain

PTH-82  BALLOON INFLATION VELOCITY AND SENSORY THRESHOLDS IN HIGH-RESOLUTION ANORECTAL MANOMETRY
Christian Pelhl1, Hiltrud Foerster2, Wolfgang Koczij1
1Hospital Vilsbiburg, Vilsbiburg, Germany; 2Center for Neurogastroenterology, Vilsbiburg, Germany

PTH-83  XYLOGLUCAN FOR THE TREATMENT OF DIARRHOEA PREDOMINANT IRRITABLE BOWEL SYNDROME
Nikos Viazis1, Nikos Lolas2, Christos Pontas1, Emmanouela Tsoukali1, George Karampekos2, Filippos Gkeros3, George Filippidis1, Marina Vraka1, Christina Chatzievangelinou1, Gerasimos J Mantzaris1
1Evangelismos Hospital, Athens, Greece; 2Private practice, Kalymnos, Greece

PTH-84  LOW-COST STRATEGIES IN THE EVALUATION OF DEFECATION DISORDERS
Ana Célia Caetano1, Dalila Costa1, Raquel Gonçalves2, Jorge Correia Pinto1, Carla Rolanda1
1Life and Health Sciences Research Institute (ICVS), School of Medicine, University of Minho; Braga Hospital, Braga, Portugal; 2Braga Hospital, Braga, Portugal
THURSDAY | 05TH SEPTEMBER 2019

PTH-85  PERCEPTIONS AND PRACTICES ON THE MANAGEMENT OF CONSTIPATION: RESULTS FROM THE KOREAN NATIONAL SURVEY
Jung-Wook Kim¹, Seon-Young Park²,
Young Sin Cho³, Jeong Eun Shin⁴, Yoo Jin Lee⁵,
Han Seung Ryu⁶, Tae Hee Lee⁷, Seong-Eun Kim⁸,
Kyung Sik Park⁹, Seung Joo Kang¹⁰
¹Kyung Hee University Hospital, Seoul, South Korea; ²Chonnam National University Hospital, Gwangju, South Korea; ³Soochunhyang University College of Medicine, Cheonan, South Korea; ⁴Cheonan Hospital, Cheonan, South Korea; ⁵Dankook University College of Medicine, Daegu, South Korea; ⁶Keimyung University School of Medicine, Iksan, South Korea; ⁷Wonkwang University School of Medicine, Seoul, South Korea; ⁸Soochunhyang University Seoul Hospital, Seoul, South Korea; ⁹Ewha Womans University College of Medicine, Daegu, South Korea; ¹⁰Keimyung University School of Medicine, Seoul, South Korea

PTH-86  ANALYSIS OF GENDER SPECIFIC RESPONSES TO LAXATIVE TREATMENT
Sabine Landes
Medical Affairs CHC, SANOFI, Frankfurt, Germany

PTH-87  COMBINATION OF NEURAL CREST DERIVED STEM CELLS (NCSCS) AND ADIPOSE TISSUE-_DERIVED MICROVASCULAR FRAGMENTS (AD-MVF): ARE PREVASCULARIZED NEUROSPHERES A BETTER APPROACH FOR THE TREATMENT OF HIRSCHPRUNG’S DISEASE?
Maximilian Weyland¹, Thomas Später²,
Monika Martin¹, Matthias W. Laschke²,
Karl-Herbert Schäfer¹
¹University of Applied Sciences Kaiserslautern, Working Group Enteric Nervous System, Zweibrücken, Germany; ²Saarland University, Institute for Clinical & Experimental Surgery, Homburg, Germany
**FRIDAY | 06TH SEPTEMBER 2019**

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PFR-88</strong></td>
<td>MORPHOVOLUMETRIC ANALYSIS OF THE ABDOMINO-THORACIC CAVITY IN PATIENTS WITH FUNCTIONAL ABDOMINAL DISTENSION DURING BASAL CONDITIONS AND DURING EPISODES OF ABDOMINAL DISTENSION…. TALKING OF 101 PATIENTS</td>
<td>Elizabeth Barba Orozco1, Emmanuel Burri2, Anna Accarino3, Fernando Azpiroz3, Jan Tack, Belgium, René van den Wijngaard, Netherlands, Beate Niesler, Germany</td>
</tr>
<tr>
<td><strong>PFR-89</strong></td>
<td>MUCOSAL IGG PRODUCTION AND PLASMA CELLS-NERVES INTERACTION: POTENTIAL MECHANISMS OF GUT-BRAIN AXIS DYSFUNCTION IN DIARRHOEA-PRONE IRRITABLE BOWEL SYNDROME.</td>
<td>Elisa Melón-Ardanaz1, Cristina Pardo-Camacho1, Mercé Albert-Bayo1, Ana María González-Castro1, Marc Pigrau Pastor1, Adoración Nieto1, Fernando Azpiroz2, Javier Santos2, Maria Vicario2, Vall d’Hebron Institute of Recerca. Gastroenterology Department. Hospital Universitari Vall d’Hebron, Barcelona, Spain, Spain;</td>
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<tr>
<td><strong>PFR-90</strong></td>
<td>EVALUATION OF IBS SYMPTOM SEVERITY AND STOOL PARAMETERS IN PRIMARY CARE</td>
<td>Karen Van Den Houte, Florencia Carbone, Jan Tack, TARGID, Leuven, Belgium</td>
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<tr>
<td><strong>PFR-91</strong></td>
<td>DUODENAL HYPERPERMEABILITY AND MARKERS OF INFLAMMATION ARE LINKED WITH GASTRIC EMPTYING AND SYMPTOMS IN FUNCTIONAL DYSPESPIA PATIENTS</td>
<td>Lucas Wauters, Maarten Lambaerts, Dennis Frings, Alison Accaric, Ricardo Farre, Jan Tack, Tim vanuytsel, KU Leuven, Leuven, Belgium</td>
</tr>
<tr>
<td><strong>PFR-92</strong></td>
<td>OPIOIDS CONSUMPTION IN PATIENTS REFERRED FOR FUNCTIONAL GASTRO-INTESTINAL DISORDERS</td>
<td>Chloé Melchior1, Charlotte Desprez1, Fabien Wuestenberghs2, Anne-Marie Leroi1, Antoine Lemaire1, Guillaume Gourcerol1, Rouen University Hospital, Rouen, France;</td>
</tr>
<tr>
<td><strong>PFR-93</strong></td>
<td>ROLE OF PSYCHIATRIC CO-MORBIDITIES IN GASTROINTESTINAL CLINICO-PATHOLOGICAL FEATURES IN IBS-D</td>
<td>Alejandro Henao1, Javier Serra1, Maria Puigcerver1, Amanda Rodriguez2, Marc Pigrau3, Irene Paracuellos1, Carmen Alonso-Cotoner3, Maria Vicario1, Javier Santos3, Beatrix Lobo3, 1Gastroenterology Department. Hospital General Vall d’Hebron, Barcelona, Spain, Spain;</td>
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<td><strong>PFR-94</strong></td>
<td>RELATIONSHIP AMONG FOOD HYPERSENSITIVITY, SERUM CYTOKINE AND MUCOSA-ASSOCIATED INTESTINAL MICROBIOTA IN PATIENTS WITH DIARRHEA PREDOMINANT IRRITABLE BOWEL SYNDROME</td>
<td>Ryo Katsumata, Yukiko Handa, Shinya Fukushimia, Kysusuke Gouda, Hiroshi Matsumoto, Akiko Shiotani, Kawasaki Medical School, Kurashiki, Japan</td>
</tr>
<tr>
<td><strong>PFR-95</strong></td>
<td>IRRETABLE BOWEL SYNDROME AND SERUM TRYPATE: CORRELATION WITH SUBTYPE AND SEVERITY OF IBS</td>
<td>Isabel Castel De Lucas, Constanza Ciriza De Los Rios, Fernando Canga Rodriguez-Valcarcel, Gregorio Castellano Tortajada, University Hospital 12 de Octubre, Madrid, Spain</td>
</tr>
<tr>
<td><strong>PFR-96</strong></td>
<td>INSUFFICIENT ROME CRITERIA TO DIAGNOSE PURE FUNCTIONAL ABDOMINAL PAIN AND EPIGASTRIC PAIN SYNDROME: THE NEED OF RULING OUT CHRONIC ABDOMINAL WALL PAIN</td>
<td>Kyung Ho Song, Kyu Chan Huh, Hoon Sup Ko, Sun Moon Kim, Konyang University Hospital, Daejeon, South Korea</td>
</tr>
<tr>
<td><strong>PFR-97</strong></td>
<td>PREVALENCE OF RAPID GASTRIC EMPTYING IN PATIENTS WITH PDS TYPE FUNCTIONAL DYSPESPIA</td>
<td>Kumiko Nakamura, Toshikiko Tomita, Katsuyuki Tozawa, Tadayuki Oshima, Hirokazu Fukui, Hiroto Miwa, Division of Gastroenterology, Department of Internal Medicine, Hyogo College of Medicine, Nishinomiya, Japan</td>
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<tr>
<td><strong>PFR-98</strong></td>
<td>NON-FOOD ALLERGIES IN FUNCTIONAL GASTROINTESTINAL DISORDERS</td>
<td>Rosanna Cogliandro1, Vincenzo Stanghellini2, Antonio Maria Morselli-Labate1, Sara Del Vecchio1, Chiara Chiara1, Lara Bellacosa1, Cesare Cremon1, Giovanni Barbara1, 1Department of Digestive Diseases, Bologna, Italy;</td>
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</tbody>
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PFR-99  MINDFULNESS BASED COGNITIVE THERAPY IN PATIENTS WITH FUNCTIONAL DYSEPSIA IN A TERTIARY REFERRAL CENTRE IN SINGAPORE
Yi Kang Ng, Ying Hao, Andrew Ming Liang Ong, Yu Tien Wang, Kinjal Doshi
Singapore General Hospital, Singapore, Singapore

PFR-100  ANALYSIS OF ENTERIC NERVOUS SYSTEM AND INTESTINAL EPITHELIAL BARRIER TO PREDICT COMPLICATIONS IN HIRSCHSPRUNG’S DISEASE
Anne Daniel1, Lucie Grynkberg2, Marie Auger2, Tony Durand2, Philippe Aubert1, Aurélien Venara2, Pascal Derkinderen2, Hélène Boudin2, Charlène Brochard1, Michel Neunlist2
1Assistance Publique des Hôpitaux de Marseille, Marseille, France; 2Inserm U1235, Nantes, France

PFR-101  THE INTRODUCTION OF ROME IV CRITERIA DECREASED DRAMATICALLY THE PREVALENCE OF IRRITABLE BOWEL SYNDROME (IBS) IN SOUTH-EAST HUNGARIAN BLOOD DONORS.
Krisztina Helle1, Lenke Bálint1, András Rosztóczy1
1First Department of Medicine, University of Szeged, Szeged, Hungary; 2Hungarian National Blood Transfusion Service, Szeged, Hungary

PFR-102  PREVALENCE AND IMPACT OF SELF-REPORTED CONSTIPATION IN THE GENERAL POPULATION
Jasper Pannemans1, Karen Van Den Houte, Benjamin Fischler2, Hubert Piessevaux3, Florencia Carbone1, Jan Tack1
1KU Leuven, Leuven, Belgium; 2CHU Saint-Pierre, Brussels, Belgium; 3Cliniques Universitaires Saint-Luc, Sint-Lambrechts-Woluwe, Belgium

PFR-103  NON-INVASIVE ASSESSMENT OF GASTRIC ACCOMMODATION AND MOTILITY WITH MAGNETIC RESONANCE IMAGING: A FEASIBILITY STUDY IN HEALTHY LEAN FEMALES
Heather Evelyn Fitzke1, John Broad1, Alex Menys2, Qasim Aziz1, Stuart A Taylor3
1Queen Mary University London, London, United Kingdom; 2Motlins Ltd, London, United Kingdom; 3University College London, London, United Kingdom

PFR-104  EARLY LIFE EXPERIENCES AND DEVELOPMENT OF IRRITABLE BOWEL SYNDROME: A SYSTEMATIC REVIEW
Kewin Tien Ho Siah, Sarah Low
National University Hospital, Singapore, Singapore

PFR-105  AGREEMENT BETWEEN TESTS OF ANORECTAL FUNCTION FOR PRESUMED DYSSYNERGIA IN PATIENTS WITH UNEXPLAINED CONSTIPATION
Jason Baker, William D Chey, Lydia Watts, Moira Armstrong, Kristen Collins, Mackenzie Thibault, William Hasler
University of Michigan, Ann Arbor, United States

PFR-106  THE ROLE OF IRRITABLE BOWEL SYNDROME IN LACTOSE INTOLERANCE (LION TRIAL): PROTOCOL OF A MULTICENTRE RANDOMIZED CONTROLLED CLINICAL TRIAL
Noémi Zádori1, Péter Varjú1, Áron Vincze2, Ferenc Izbéki3, András Rosztóczy4
1Institute for Translational Medicine, University of Pécs Medical School, Pécs, Hungary; 2Division of Gastroenterology, First Department of Internal Medicine, University of Pécs Medical School, Pécs, Hungary; 3Division of Gastroenterology, Fejer County Saint George Teaching Hospital of University of Pécs, Székesfehérvár, Hungary; 41st Department of Medicine, Albert Szent-Györgyi Health Center, University of Szeged, Szeged, Hungary

PFR-107  THE BENEFITS OF INULIN, CHOLINE AND SYLMARIN COMBINED TREATMENT IN PATIENTS WITH CONSTIPATION-PREDOMINANT IRRITABLE BOWEL SYNDROME – A RANDOMIZED CASE-CONTROL STUDY
Oana Bogdana Barboi, Ioan Chirila, Irina Ciortescu, Carmen Anton, Catalina Mihai, Vasile Drug
UMF Grigore T Popa Iasi, Iasi, Romania

PFR-108  DOES HYDROGEN AND METHANE BASED-BREATH TEST WITH LACTULOSE ALLOW TO DETERMINE OROCecal TRANSIT TIME IN PATIENTS WITH SMALL INTESTINAL BACTERIAL OVERGROWTH?
Daniela B Vera, Alexandra Sandoval, Ana María Madrid
Division of Gastroenterology, Clinical Hospital University of Chile, Santiago, Chile

PFR-109  CHARACTERIZATION OF SYMPTOM SEVERITY AND QUALITY OF LIFE IN IBS PATIENTS DIAGNOSED IN PRIMARY CARE
Karen Van Den Houte, Florencia Carbone, Jan Tack
TARGET, Leuven, Belgium

PFR-110  LOW-FODMAP DIET IMPROVE SYMPTOMS AND QUALITY OF LIFE IN PATIENTS WITH IRRITABLE BOWEL SYNDROME?
Gabriela Carrasco1, Daniela B. Vera2, Martin Gotteland3, Ana María Madrid4
1Department of Nutrition, Faculty of Medicine, University of Chile, Santiago, Chile; 2Division of Gastroenterology, National University Hospital, Singapore, Singapore; 3Division of Gastroenterology, Fejer County Saint George Teaching Hospital of University of Pécs, Székesfehérvár, Hungary; 41st Department of Medicine, Albert Szent-Györgyi Health Center, University of Szeged, Szeged, Hungary

PFR-111  A PILOT STUDY OF THE EFFECT OF MINDFULNESS-BASED STRESS REDUCTION ON CLINICAL SYMPTOMS AND IMMUNE RESPONSE OF PATIENTS WITH DIARRHEA-PREDOMINANT IRRITABLE BOWEL SYNDROME (IBS-D)
Caroll J Beltrán1, Carolina Olea1, Carolina Galimany1, Felipe Valenzuela1, Aaron Cortes1, Verónica Torres1, Lucía Valenzuela1, Edith Pérez De Arce1, Ana María Madrid1
1Hospital Clínico Universidad de Chile, Santiago, Chile; 2Clinical Las Condes, Santiago, Chile
PFR-111A  ALTERATIONS OF MUCOSAL IMPEDANCE VALUES IN THE DUODENUM AND ANTRUM OF PATIENTS WITH FUNCTIONAL DYSPESPIA
Kwang Jae Lee1, Jun Gu Kang1, Su Taek Lee2
1Ajou University Hospital, Suwon, South Korea
2Chonbuk National University Hospital, Chonju, South Korea

PFR-111B  HOW DO PATIENTS TREAT ABDOMINAL PAIN AND CRAMPING AND WHAT DO PHARMACISTS RECOMMEND?
Anette Lampert, Sabine Landes, Tanja Schütt
Medical Affairs Consumer Healthcare, Sanofi-Aventis Deutschland GmbH, Frankfurt, Germany

PFR-112  ANALYSIS OF POSTREFLUX SWALLOW-INDUCED PERISTALTIC WAVE INDEX IS CONSIDERED AS A METHOD FOR EVALUATING THE EFFECTIVENESS OF ESOPHAGEAL CLEARANCE AND THE CRITERION FOR PHENOTYPING OF GASTROESOPHAGEAL REFLUX DISEASE
Olga Storonova, Anastasiasia Makushina, Anna Paraskevova, Alexander Trukhmanov, Vladimir Ivashkin
Sechenov University, Moscow, Russia

PFR-113  EFFICACY OF DA-5204 (STILLEN 2X®) FOR PATIENTS WITH GASTROESOPHAGEAL REFLUX DISEASE: A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED PILOT STUDY
Jae Ho Cho, Cheol Min Shin, Young Dong Kim, Hyuk yoon, Young Soo Park, Nayoung Kim, Dong Ho Lee
Seoul National University Bundang Hospital, Seong-nam-Si, South Korea

PFR-114  ASSOCIATION BETWEEN GASTROESOPHAGEAL REFLUX DISEASE (GORD) SYMPTOMS AND EROSIIVE TOOTH WEAR (ETW): A PROSPECTIVE CROSS-SECTIONAL CASE CONTROL STUDY
Rasha Alharthi1, Rebecca Moazzez1, David Bartlett1, Jafar Jafari2
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PFR-115  SUPRAGASTRIC BELCHING INDUCE RE-REFLUX DURING REFLUX PERIOD ARE FREQUENT PHENOMENON IN GERD PATIENTS WITH BELCHING
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PFR-116  THE ROLE OF ESOPHAGEAL HIGH-RESOLUTION MANOMETRY IN APPROACH OF GASTROESOPHAGEAL REFLUX DISEASE.
Ana Luisa Santos, Armando Peixoto, Joel Silva, Rosa Ramalho, Guilherme Macedo
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PFR-117  WHEN CAN YOU TREAT GORD BY LOSENING LOS?
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PFR-118  TREATMENT RESPONSE OF HIGH DOSE AND STANDARD DOSE RABEPRAZOLE FOR GASTROESOPHAGEAL REFLUX DISEASE WITH EXTRAESOPHAGEAL MANIFESTATIONS: A SINGLE CENTER, RANDOMIZED, OPEN-LABEL TRIAL
Jae Ho Cho, Cheol Min Shin, Hyuk Yoon, Young Soo Park, Nayoung Kim, Dong Ho Lee
Seoul National University Bundang Hospital, Seong-nam-Si, South Korea

PFR-119  PATIENTS WITH GASTRO-ESOPHAGEAL REFLUX DISEASE HAVE SPARSE TRANSIENT RECEPTOR POTENTIAL MELASTATIN 8 EXPRESSION IN THE OESOPHAGEAL MUCOSA
Ahsen Ustaoglu, Philip Woodland, Madusha Peiris, Daniel Sifrim
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PFR-120  ESOPHAGEAL MANOMETRY IN GASTROESOPHAGEAL REFLUX DISEASE: IS THERE SUPERIORITY OF THE HIGH RESOLUTION OVER CONVENTIONAL?
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PFR-121  THE EFFECT OF ILAPRAZOLE IN PATIENTS WITH NON-EROISIVE REFLUX DISEASE
Sang Kil Lee
Yonsei University College of Medicine, Seoul, South Korea
PFR-122 NON-OBESE NON-ALCOHOLIC FATTY LIVER DISEASE IS ASSOCIATED WITH EROSIONAL ESOPHAGITIS
Ki Bae Bang¹, Hyun Deok Shin¹, Kwang Woo Nam¹, Jeong Eun Shin¹, Jung Ho Park², Se Weon Kim¹
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PFR-123 RUMINATION VERSUS GERD-RELATED POSTPRANDIAL REGURGITATION: A DIFFERENT POSTPRANDIAL GASTRIC PH PROFILE
Kenichiro Nakagawa¹, Akinari Sawada¹, Yoshimasa Hoshikawa¹, Kornilia Nikaki¹, Philip Woodland¹, Etsuro Yazaki¹, Atsushi Masamune², Daniel Sifrim¹
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PFR-124 SEX AND GENDER SPECIFIC DIFFERENCES OF PREVALENCE AND RISK FACTORS OF GASTROESOPHAGEAL REFLUX DISEASE
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PFR-125 GASTROESOPHAGEAL REFLUX DISEASE AND PAROXYSMAL NON-VALVULAR ATRIAL FIBRILLATION – A CASE-CONTROL STUDY
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PFR-126 THE DIFFERENT CHARACTERISTICS OF SYMPTOMATIC BELCHING BETWEEN BELCHING DISORDER AND GERD WITH BELCHING
Joon Seong Lee¹, Shin Ok Jeong¹, Tae Hee Lee¹, Su Jin Hong², Young Sin Cho³, Jun Seok Park¹, Seong Ran Jeon¹, Hyun Gun Kim¹
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PFR-127 CLINICAL APPLICATION OF THE GASTROESOPHAGEAL REFLUX DISEASE QUESTIONNAIRE IN PATIENTS WITH SUSPECTED LARYNGOPHARYNGEAL REFLUX SYMPTOMS
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PFR-128 OESOPHAGEAL REFLUX HYPERSENSITIVITY – PREVALENCE BASED ON ROME IV CRITERIA AT A UK TERTIARY HOSPITAL: A RETROSPECTIVE STUDY WITH A PROSPECTIVE COMPONENT.
Gehanali Amarasingehe, Qasim Aziz, Daniel Sifrim
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PFR-129 DEMESTER SCORE IN THE ERA OF MODERN DIAGNOSIS OF GERD
Mafalda Sousa, João Carvalho, Teresa Freitas, João Silva, Catarina Gomes, Edgar Afecito
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PFR-130 THE YIELD OF COMBINED MULTICHANNEL INTRALUMINAL IMPEDANCE PH MONITORING (MII-PH MONITORING) AMONG FILIPINO PATIENTS WITH SUSPECTED REFRACTORY GASTROESOPHAGEAL REFLUX DISEASE: A ST. LUKE’S MEDICAL CENTER EXPERIENCE
Marc Julius Hernandez Navarro, Sherrie Isabel Querubin De Ocampo
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PFR-131 PREVALENCE OF GASTROESOPHAGEAL DISEASE IN KOREA
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PFR-132 DIAGNOSIS OF RUMINATION SYNDROME IN CHILDREN WITH AMBULATORY IMPEDANCE-PH MONITORING
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PFR-133 DEVELOPMENT OF MICRO WIRED PH ELECTRODE FOR REAL-TIME MONITORING FOR GASTROESOPHAGEAL REFLUX DISEASE
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PFR-134 ASSOCIATION OF ABDOMINAL OBESITY AND BARRETT’S ESOPHAGUS
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PFR-135  ASSOCIATION BETWEEN GERD WITH EXTRADIGESTIVE SYMPTOMS IN TWO CHANNEL AMBULATORY PH-METRY
Marcelo García Hernández,
Carmen María García Caparros,
María José Bosque Lopez
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PFR-136  CARDIOVASCULAR SAFETY OF DOMPERIDONE USE: POPULATION BASED COHORT AND SELF-CONTROLLED CASE SERIES STUDY
Byeong Geun Song, Young Chan Lee, Yang Won Min, Kyungja Kim, Poong-Lyul Rhee
Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, South Korea

PFR-137  ALTERED GI MOTILITY IN MOUSE MODELS OF MULTIPLE SCLEROSIS
Friederike Uhlig, Brigitte Lavoie, Dimitry N Krementsov, Cory Teuscher, Gary M Mawe
University of Vermont, Burlington, United States

PFR-138  ALTERED ENTERIC NEURO-INFLAMMATORY SIGNATURE IN PATIENTS WITH PARKINSON’S DISEASE - A PILOT STUDY
Jessica Zimmermann1, Eva Schäffer2, Sebastian Heinzel1, Beate Niesler And Ncounter Core Facility1, Amelie Scharf1, Dmitry Zorenkov2, Mark Ellrichmann4, Daniela Berg2, Thilo Wedel1, Francois Cossais1
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PFR-139  SECRETION OF THBS4 IS INDUCED BY INCREASED PDGFRB-ASSOCIATED CA2+ SIGNALING IN COLORECTAL CANCER
Min Seob Kim1, Ji Yeon Myung1, Yong Sung Kim2, Han-Seong Ryu2, Suck Chei Choi2, Won Cheol Park2, Keun Young Kim3, Min Gyu Kim1, Moon Young Lee1
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PFR-140  COMPARISON OF MRI ASSESSED SMALL BOWEL DYSMOTILITY IN IRRITABLE BOWEL SYNDROME (IBS) AND HEALTHY CONTROLS
Ruaridh Gollifer1, Alex Menys1, Sven Månsson2, Peter Leander1, Olle Ekberg2, Stuart A Taylor1, David Atkinson1, Bodil Ohlsson2
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PFR-141  WIRELESS MOTILITY CAPSULE COMPARED WITH GASTRIC EMPTYING SCINTIGRAPHY IN THE ASSESSMENT OF DIABETIC GASTROPAESIS
Dag A. Sangnes1, Mattis Bekkelund2, Eirik Safteland3, Georg Dimcveski3
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PFR-142  DOES MEASUREMENT OF SYMPTOMS DURING A GASTRIC EMPTYING TEST IMPROVE CORRELATION BETWEEN SYMPTOMS AND EMPTYING RATE?
Florencia Carbene, Rowie de Buysscher, Karen Van Den Houte, Jan Tack
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PFR-143  HEALTH-RELATED QUALITY OF LIFE, WORK PRODUCTIVITY, AND INDIRECT COSTS AMONG PATIENTS WITH DIABETIC GASTROPAESIS
Jessica L Abel1, Kate Burslem1, Jalpa Doshi2, Lulu Lee2
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PFR-144  GASTROPAESIS: OUTCOME OF FOCUS GROUPS FOR THE DEVELOPMENT OF A QUESTIONNAIRE FOR SYMPTOM ASSESSMENT IN PATIENTS SUFFERING FROM IIDIOPHATIC AND DIABETES GASTROPAESIS
Florencia Carbene, Rowie De Buysscher, Karen Van Den Houte, Lieselot Holvoet, Alain Vandenbergehe, Jan Tack
University of Leuven, Leuven, Belgium

PFR-145  FECAL IMPACTION IN THE COLON MAY INDUCE OBSTRUCTIVE PATTERNS IN INTESTINAL MANOMETRY
Carolina Malagelada, Hugo Monrroy, Marianela Megi, Luis Alcala, Anna Accarino, Juan-R Malagelada, Fernando Azpiroz
Vall d’Hebron University Hospital, Barcelona, Spain

PFR-146  LONG NON-CODING RNA THRIL CONTROLS TNF-A RELATED INFLAMMATORY PROCESS IN STOMACH.
Sang Kil Lee, Jung-Ho Yoon
Yonsei University College of Medicine, Seoul, South Korea
PFR-147  DEVELOPMENT AND VALIDITY EVALUATION OF A SELF-EVALUATED QUESTIONNAIRE FOR FUNCTIONAL DYSPEPSIA
Kyoungwon Jung1, Hye-Kyung Jung2, Joong Goo Kwon3, Chung Hyun Tae4, Ki Bae Bang5, Jong Kyu Park6, Ju Yup Lee7, Cheol Min Shin8, Kyu Chan Huh9, Soo Teik Lee10
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PFR-148  ASSESSMENT OF DIABETIC ENTEROPATHY USING WIRELESS MOTILITY CAPSULE
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PFR-149  IS THERE A LINK BETWEEN IBS AND STUTTERING? – PRELIMINARY RESULTS
Goran Hauser1, Tatjana Novosel Herceg2, Sandra Pletikosic Toncic3, Indira Benjak4, Darko Novosel2, Mladenka Tkalcic3
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PFR-150  PREDICTORS FOR POSITIVE HYDROGEN BREATH TEST IN THE PATIENTS WITH ABDOMINAL SYMPTOMS
Seung-Jun Kim, Chul-Hyun Lim, Bo-In Lee, Young-Seok Cho, Yu Kyung Cho, Myung-Gyu Choi
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PSAT-150  DOES INTESTINAL MICROBIOTA COMPOSITION DIFFER BETWEEN DIARRHEA-PREDOMINANT IRRITABLE BOWEL SYMPOD PATIENTS WITH OR WITHOUT AN ALTERED LACTULOSE BREATH TEST?
Luis Bustos Fernandez1, Fernando Man2, Carolina Dorribo1, Juan Lasa1
1CMBF, Buenos Aires, Argentina; 2GASTRO, Buenos Aires, Argentina

PSAT-151  IMPACT OF SACCHAROMYCES BOULARDII CNCM I-745 ON MICROBIOTA & MYCOBIOTA FOR THE TREATMENT OF BACTERIAL OVERGROWTH IN IBS-D PATIENTS
Luis Bustos Fernandez1, Fernando Man2, Carolina Dorribo1, Juan Lasa1
1CMBF, Buenos Aires, Argentina; 2GASTRO, Buenos Aires, Argentina

PSAT-152  MICROBIOME ANALYSIS OF SMALL INTESTINAL BACTERIAL OVERGROWTH PATIENTS INCLUDING POST HELICOBACTER PYLORI ERADICATION TREATMENT
Tsachi Tsadok Perets1, Olga Ashorov1, Dalal Hamouda1, Shira Ben Simon2, Doron Boltin1, Iris Dotan1, Omry Koren2, Ram Dickman1
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PSAT-152A  FEEDMI – FEEDING THE PRETERM GUT MICROBIOTA
Juliana Pereira Morais1, Cláudia Marques1, Diana Teixeira1, Catarina Durão1, Ana Faria1, Sara Brito2, Manuela Cardoso2, Israel Macedo2, Teresa Tome2, Conceição Calhau1
1NOVA Medical School | Faculdade Ciências Médicas, Universidade NOVA de Lisboa, Lisboa, Portugal; 2Maternidade Dr. Alfredo da Costa, Lisboa, Portugal

PSAT-153  SHORT-TERM PROBIOTIC TREATMENT IMPROVE GUT FUNCTION, INCREASE BOWEL WALL THICKNESS AND ALLEVIATE ABDOMINAL SIGNS OF METABOLIC SYNDROME
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PSAT-154  SMALL INTESTINE NEUROMUSCULAR DYSFUNCTION IN A MOUSE MODEL OF DEXTRAN SULFATE SODIUM-INDUCED COLITIS: INVOLVEMENT OF TOLL-LIKE RECEPTOR-4
Silvia Cerantonia1, Ilaria Marsilio1, Valentina Caputi1, Eleonora Salvatia1, Manuela Ridolfi1, Sara Zuanetti1, Michela Bistoletti2, Cristina Gioroni2, Antonella Bertazzo2, Maria Cecilia Giron1
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PSAT-155  TRIMEBUTINE - INTESTINAL MICROFLORA MODULATOR IN EXPERIMENTAL DYSBIOSIS
Nataliya Tropskaya, Irina Vilkova, Ekaterina Kisyakova, Tatiana Chernenkaya, Tamara Popova
Skifosovsky Research Institute for Emergency Medicine, Moscow, Russia

PSAT-156  THE EFFECT OF EXERCISE AND PSYCHOLOGICAL COMORBIDITY ON GUT MICROBIOTA IN YOUNG MALES
Tatsuya Unno1, Sin Kyu Byun2, Cheongmin Sohn3, Suck Chei Choi4, Mi-Sung Park5, Yong Sung Kim4
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PSAT-157  EFFICACY AND SAFETY OF GQ-LAB DAILY IN PATIENTS WITH IRRITABLE BOWEL SYNDROME: A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-GROUP STUDY
Cheol Min Shin, Yoon Jin Choi, Hyuk Yoon, Young Soo Park, Nayoung Kim, Dong Ho Lee
Seoul National University Bundang Hospital, Seongnam-Si, South Korea

PSAT-158  CHARACTERISTICS OF FECAL METABOLIC PROFILES IN IRRITABLE BOWEL SYNDROME WITH PREDOMINANT DIARRHEA INVESTIGATED BY 1H-NMR COUPLED WITH MULTIVARIATED STATISTICAL ANALYSIS
Seung Yong Shin1, Chang Hwan Choi1, Won Seok Kim1, Hyung-Kyoon Choi2
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PSAT-159  WATER AVOIDANCE STRESS ALTERS COLONIC MICROBIOTA AND SHORT CHAIN FATTY ACIDS IN THE RAT.
Yong Sung Kim1, Min Seob Kim2, Moon Young Lee2, Tatsuya Unno2, Han-Seung Ryu3, Suk-Chi Choi3, Mi-Sung Park4
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PSAT-160  CHARACTERISTICS OF THE DUODENAL MICROBIOTA COMPOSITION IN PATIENTS WITH FUNCTIONAL ABDOMINAL BLOATING: A PILOT STUDY
Myung-Gyu Choi, Yu-Kyung Cho, Seung Bae Yoon, Chul-Hyun Lim, Sok Won Han
The Catholic University of Korea, Seoul, South Korea

PSAT-161  CONVENTIONALISATION OF GERM FREE MICE WITH BACTEROIDES THET A TOAOMICRON INDUCES PROLIFERATION OF INHIBITORY MOTOR NEURONES AND SPECIFICALLY ALTERS PROXIMAL COLONIC MOTILITY
Rubina Akhtar1, Nabil Parkar2, Regis Stentz2, Aimee Parker2, Aimee Parker2, Andrew Goldson2, Simon Carding2, Ashley Blackshaw1, Madusha Peiris1
1Wingate institute of Neurogastroenterology, London, United Kingdom; 2Quadrum Institute OF Bioscience, Norwich, United Kingdom

PSAT-162  METAGENOMIC ANALYSIS OF INTESTINAL MICROBIOTA AND MYCOBIOTA AMONG DIARRHEA-PREDOMINANT IRRITABLE BOWEL SYNDROME PATIENTS FROM ARGENTINA
Luis Bustos Fernandez1, Fernando Man2, Carolina Dorribo1
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PSAT-163  IMPACT OF THE HERBAL MEDICINAL PREPARATION STW 5 ON THE GUT MICROBIOME AND METABOLOMIC CHANGES OF STW 5 INDUCED BY GUT BACTERIA IN HUMAN FECAL SAMPLES IN-VITRO
Tim Thumann1, Eva Maria Pferschy-Wenzig1, Christine Moissl-Eichinger2, Stefanie Duller2, Christoph Hoegenauer3, Heba Aziz-Kalbenn4, Ramy M Ammar4, Sabine Rabini4, Rudolf Bauer5
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PSAT-164  BIFIDOBACTER INFANTIS 35624 IMPROVES SYMPTOMS IN NON-RESPONDERS TO A LOW FODMAP DIET
Valentina Passananti, Lee Martin, Natalia Zarate Lopez, Anton Emmanuel
University College of London Hospital, London, United Kingdom

PSAT-165  EFFECTS OF PROBIOTICS IN PATIENTS WITH BLOATING AND ABDOMINAL PAIN
Daniela B. Vera, Andrea Pinto, Edith Pérez De Arce, Alexandra Sandoval, Ana Maria Madrid
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PSAT-166  EFFECTS OF DEOXYCHOLIC ACID ON THE HUMAN COLON CONTRACTILITY
Yang Won Min, Eun-Ju Ko, Poong-Lyul Rhee
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PSAT-167  SMALL INTESTINAL BACTERIAL OVERGROWTH AND GLUCOSE HYDROGEN BREATH TEST CHARACTERISTICS DIFFER IN PATIENTS TAKING VERSUS NOT TAKING OPIOIDS
Kimberly N Harer, Jason R Baker, Lydia Watts, William D Chey, Allen Lee, William L Hasler
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PSAT-168  GENDER DIFFERENCE IN LACTULOSE BREATH TEST
Jin Okh Chung, Seon-Young Park, Hyun A Cho, Jin Won Kim, Jong-Sun Rew
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PSAT-169  ESCHERICHIA COLI NISSLE 1917 INCREASES INTESTINAL TIGHT JUNCTION EXPRESSION AND RESTORES EPITHELIAL BARRIER: POSSIBLE IMPLICATIONS IN IRRITABLE BOWEL SYNDROME
Maria Raffaella Barbaro, Daniele Fuschi, Cesare Cremon, Eleonora Capelli, Vincenzo Stanghellini, Giovanni Barbara
University of Bologna, Bologna, Italy

PSAT-170  SEQUENTIAL VERSUS CONCOMITANT NON-BISMUTH QUADRUPLE THERAPY AS FIRST-LINE ERADICATION FOR HELICOBACTER PYLORI
Flávio Pereira, Richard Azevedo, Marisa Linhares, Diana Ramos, João Pinto, Ana Caldeira, José Tristan, Eduardo Pereira, Rui Sousa, António Banhudo
Hospital Amato Lusitano, Castelo Branco, Portugal

PSAT-171  THE ROLE OF GLUCOSE BREATH TEST FOR SMALL INTESTINAL BACTERIAL OVERGROWTH IN CHILDREN WITH FUNCTIONAL ABDOMINAL PAIN DISORDERS
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SATURDAY | 07TH SEPTEMBER 2019

PSAT-172  EFFICACY OF HELICOBACTER PYLORI ERADICATION REGIMENS
Flávio Pereira, Richard Azevedo, Marisna Linhares, Diana Ramos, João Pinto, Ana Caldeira, José Tristan, Eduardo Pereira, Rui Sousa, António Banhudo
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PSAT-173  A SINGLE GUT MICROBE BACTERIOIDES THETAIOOTAOMICRON ALTERS EPITHELIAL EXPRESSION OF CLAUDIN-3 AND TLR-2
Rubina Aktar1, Regis Stenzt, Aimee Parkar2, Arlaine Brion3, Andrew Goldson4, Simon Carding5, Ashley Blackshaw2, Madusha Peiris1
1Wingate Institute of Neurogastroenterology, Queen Mary, London, United Kingdom; 2Quadrum Institute of Bioscience, Norwich, United Kingdom

PSAT-174  PERINATAL PROGRAMMING OF INTESTINAL HOMEOSTASIS FOLLOWING EXPOSURE TO LOW DOSE OF CHLORPYRIFOS IN MALE RATS OFFSPRING
Marion Guibourdenche1, Hiba el Khayat El Sabbouni1, Amina Bouzerara2, Narimane Djekkoun1, Hafida khorsi-Cauet1, Jean Guibourdenche1, Véronique Bach1, Pauline M Anton1, Jérôme Gay-Quéhéillard1
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PSAT-175  ENTERAL NUTRITION DOSE-DEPENDENTLY INHIBITS PHASIC GASTRIC MOTILITY
Nick Goelen, Glynnis Doperé, John Morales, Sabine Van Huffel, Jan Tack, Pieter Janssen
KU Leuven, Leuven, Belgium

PSAT-176  DISCRIMINATING NON-CELIAC GLUTEN SENSITIVITY FROM IRritable BOWEL SYNDROME: A DIAGNOSTIC ALGORITHM
Maria Raffaella Barbaro1, Cesare Cremon1, Antonio Maria Moroselli-Labate2, Antonio Di Sabatino2, Giovanni Latella3, Carolina Ciacci1, Daniele Fusch1, Vincenzo Stanghellini1, Umberto Volta1, Giovanni Barbara1
1University of Bologna, Bologna, Italy; 2University of Pavia, Pavia, Italy; 3University of L'Aquila, L'Aquila, Italy; 4University of Salerno, Salerno, Italy

PSAT-177  FUNCTIONAL GASTROINTESTINAL DISEASES: EPIDEMIOLOGICAL DATA FROM 1515 PATIENTS UNDER AN HERBAL THERAPY
Johanna Möller1, Esther Raskopf2, Oliver Greinert3, Gregor Zadoyan4, Sabine Schieicher5, Kija Sha-Hosseini6, Olaf Kelber5, Jaswinder Singh7, Ralph Mösges8, Karen Nieder7
1Universitätsklinikum Köln, Darmstadt, Germany; 2ClnNovis GmbH, Cologne, Germany; 3Institut für Medizinische Statistik und Bioinformatik, Cologne, Germany; 4Universitätsklinikum Köln, Cologne, Germany; 5Institut für Medizinische Statistik und Bioinforma tik, Darmstadt, Germany; 6Consulting HMP, Cologne, Germany; 7Kooperation Phytopharmaka GbR, Bonn, Germany

PSAT-178  EFFICACY OF THE HERBAL COMBINATION STW 5 IN FD PATIENTS MEET ROME IV CRITERIA: META-ANALYSIS.
Ramzy M Ammar1, M Wargena2, Vincenzo Stanghellini3
1Bayer Consumer Health, Darmstadt, Germany; 2M.A.R.C.O. Institute for Clinical Research and Statistics, dusseldorf, Germany; 3Università degli Studi di Bologna, Bologna, Italy

PSAT-179  A 2019 PERSPECTIVE ON HEALTH AND CELIAC DISEASE REGARDING COMPLETE MUCOSAL RECOVERY
Roxana Nemeteanu1, Alina Plesa1, Irina Girleanu1, Liliana Gheorghe2, Irina Ciortescu1, Mihai Danciu2, Carol Stanciu1, Anca Trifan1
1University of Medicine and Pharmacy “Grigore T. Popa”, Institute of Gastroenterology and Hepatology, “St. Spiridon” Hospital”, Iasi, Romania; 2Department of Radiology, University of Medicine and Pharmacy Gr. T. Popa, Iasi, Romania; 3Department of Pathology, University of Medicine and Pharmacy Gr T. Popa, Iasi, Romania

PSAT-180  MICROBIOLOGICAL AND METABOLIC FACTORS PREDICT THE CLINICAL OUTCOME OF LOW-FODMAP DIET AND TRADITIONAL DIETARY ADVICE IN PATIENTS WITH DIARRHEA-PREDOMINANT IRRITABLE BOWEL SYNDROME: RESULTS OF A PROSPECTIVELY PLANNED ANALYSIS OF DATA FROM A RANDOMIZED CONTROLLED TRIAL
Lucy Zhang1, MARK Fox2, Benjamin Misselwitz3, Ning Dai2
1Department of Gastroenterology, Zhejiang University School of Medicine Sir Run Run Shaw Hospital, Hangzhou, China; 2Klinik Arlesheim & University of Zürich, Arlesheim, Switzerland; 3University of Zürich, Zürich, Switzerland

PSAT-181  EFFECTS OF DIETARY FIBERS ON THE TUFT CELL POPULATION IN THE MOUSE COLON POST RADIATION
Ulrike Voss1, Dilipkumar Malipatilolla2, Piyush Patel3, Sravana Devarakonda4, Fei Sjöberg5, Rita Grandér2, Ana Rascón2, Margareta nyman1, Gunnar Steineck2, Cecilia Bull2
1Lund University, Lund, Sweden; 2University of Gothenburg, Gothenburg, Sweden
PSAT-182 EFFICACY OF DOLICHOS LABLAB L. ON IRRITABLE BOWEL SYNDROME: OPEN-LABEL PROSPECTIVE PILOT TRIAL
Joong Goo Kwon1, Jin Tae Jung1, Eun Young Kim1, Kyung Sik Park1, Chang Heon Yang1
1Daegu Catholic University School of Medicine, Daegu, South Korea; 2Keimyung University School of Medicine, Daegu, South Korea; 3Dongguk University School of Medicine, Gyeongju, South Korea

PSAT-183 HOW DOES MEAL COMPOSITION INFLUENCE THE EVALUATION OF GASTROINTESTINAL MOTILITY MEASURED BY THE WIRELESS MOTILITY CAPSULE?
Marie Møller Christensen1, Hanne Pedersen1, Kim Katrine Bjerring Clemmensen1, Anne-Marie Langmach Wegeberg2, Jonas Salling Quist1, Kristine Fær̦h1, Christina Brock2
1Steno Diabetes Center Copenhagen, Gentofte, Denmark; 2Aalborg University Hospital, Aalborg, Denmark

PSAT-184 STW 5 IN PATIENTS WITH IRRITABLE BOWEL SYNDROME AND OTHER FUNCTIONAL GASTROINTESTINAL DISEASES: RESULTS OF A SURVEILLANCE STUDY
Bettina Vinson1, Susanne Skeib1, Olaf Kelber2, Karen Nieber4
1Bayer Consumer Health, Medical and Clinical Affairs Phytomedicines, Phytomedicines Supply and Development Center, Steigerwald Arzneimittelwerk GmbH, Darmstadt, Germany; 2Bayer Consumer Health, Innovation and Development, Phytomedicines Supply and Development Center, Steigerwald Arzneimittelwerk GmbH, Darmstadt, Germany; 3ClinNovis GmbH, Cologne, Germany; 4Institute of Pharmacy, University of Leipzig, Leipzig, Germany

PSAT-185 TYPES AND NUMBER OF GASTROESOPHAGEAL REFUX EPISODES CORRELATE WITH NUTRITIONAL PATTERNS
Sergey Morozov, Vasily Kropochev
Federal Research Center of Nutrition and Biotechnology, Moscow, Russia

PSAT-186 THE IMPACT OF A PREBIOTIC MIX, FOS-INULIN, ON HEPATIC DRUG-METABOLISING ENZYMES AND DRUG EFFLUX TRANSPORTER
Jacinta Walsh, Marcus Boehme, John F. Cryan, Timothy G. Dinan, Brendan T. Griffin, Gerard Clarke, Niall P. Hyland
University College Cork, Cork, Ireland

PSAT-187 TREATMENT OF FUNCTIONAL GASTROINTESTINAL DISEASES IN CHILDREN: ARE HERBALS AN OPTION? A SYSTEMATIC REVIEW
Johanna Möller1, Olaf Kelber2, Esther Raskopf3, Karen Nieber4
1Research & Development, Darmstadt, Germany; 2Phytomedicines Supply and Development Center, Darmstadt, Germany; 3ClinNovisGmbH, Cologne, Germany; 4Kooperation Phytopharmaka GbR, Bonn, Germany

PSAT-188 SELF-REPORTED NON-CELIAC GLUTEN SENSITIVITY IN KOREAN POPULATION: DEMOGRAPHIC AND CLINICAL CHARACTERISTICS
Hyun Jin Kim, Rari Cha
Department of Internal Medicine, Gyeongsang National University School of Medicine, Changwon, South Korea

PSAT-189 DIETARY INTAKES IN PATIENTS WITH FUNCTIONAL DYSPEPSIA: COMPARED WITH DATA FROM KOREAN NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (KNHANES VII-1)
Hong Sub Lee1, Kwang Jae Lee2, Joon Koo Kang2
1Inje University Busan Paik Hospital, Busan, South Korea; 2Ajou University School of Medicine, Suwon, South Korea

PSAT-190 ROLE OF THE GHRELIN RECEPTOR IN THE DEVELOPMENT OF AN OBESE PHENOTYPE AFTER MATERNAL MALNUTRITION
Shu Sun1, Katrien Corbeels2, Louis Desmet1, Anneleen Segers1, Qiaoling Wang3, Bart Van Der Schueren2, Inge Depoortere2
1Gut Peptide Research Lab, Targid, Leuven, Belgium; 2Clinical and Experimental Endocrinology, Leuven, Belgium; 3Division of Gastroenterology, Clinical Hospital University of Chile, Santiago, Chile

PSAT-191 INTAKE OF DAIRY PRODUCTS IN PATIENTS WITH IRRITABLE BOWEL SYNDROME
Gabriela Carrasco1, Daniela B. Vera2, Martin Gotteland1, Ana María Madrid2
1Department of Nutrition, Faculty of Medicine, University of Chile, Santiago, Chile; 2Division of Gastroenterology, Clinical Hospital University of Chile, Santiago, Chile

PSAT-192 HOLDEMANELLA SPP. IMPROVES GLUCOSE TOLERANCE AND BENEFITS ENDOGENOUS GLP-1 SYSTEM IN DIET-INDUCED OBESE MICE
Marina Romani Perez1, Inmaculada Lopez Almela1, Clara Bullich Villarrubias1, Maria Carmen Cent Laguna1, Eva Maria Gomez Del Pulgar Villanueva2, Alfonso Benitez Paez2, Lola Rueda Ruzafa2, Jose Antonio Lamas2, Yolanda Sanz2
1Instituto de Agroquímica y Tecnología de Alimentos (IATA-CSIC), Paterna, Spain; 2Cibimbo (The Biomedical Research Centre)-University of Vigo, Vigo, Spain
PSAT-193  VISCERAL OBESITY MEASURED BY DUAL X-RAY ABSORPTIOMETRY AND BIOMEPEDANCE AS THE PREDICTOR FOR IBS IN OBESE PATIENTS
Goran Hauser1, Sanja Klobucar Majanovic2, Andrej Belancic1, Sandra Pletikosic Toncic2, Marija Krpina2, Madenka Tkalcic2
1Clinical Hospital Centre Rijeka; Faculty of Helath Studies, Rijeka, Croatia; 2University of Rijeka, Rijeka, Croatia; 3Clinical Hospital Centre Rijeka; Faculty of Medicine, Rijeka, Croatia; 4Facult of Medicine, Rijeka, Croatia

PSAT-194  FUNCTIONAL GASTROINTESTINAL DIFFERENCES IN GASTRIC BYPASS PATIENTS USING THE WIRELESS MOTILITY CAPSULE
Louise Ladebo1, Pernelle Videbaek Pedersen1, Christina Brock1, Asbjorn Mohr Drewes2, Anna Estrup Olsen3
1Mech-Sense, Department of Gastroenterology and Hepatology, Aalborg University Hospital and Department of Clinical Medicine, Aalborg University, Aalborg, Denmark; 2Department of Drug Design and Pharmacology Faculty of Health and Medical Sciences, University of Copenhagen, Copenhagen, Denmark; 3Department of Clinical Medicine, Aalborg University, and Department of Clinical Pharmacology, Aalborg University Hospital, Aalborg, Denmark

PSAT-195  PERINATAL PROGRAMMING OF INTESTINAL HOMEOSTASIS FOLLOWING EXPOSURE TO A HIGH FAT DIET IN MALE RATS OFFSPRING
Marion Guibourdenche1, Hiba El Khayat El Sabbouri1, Amina Bouzerara2, Narimane Djekkoun1, Hafida Khorsi-Cauet1, Jean Guibourdenche2, Veronique Bach1, Pauline M Anton2, Jerome Gay-Queheillard1
1PrenTox, Perinatalit & Risques Toxiques, UMR-I 01, UPJV, Amiens, France; 2Equipe PTALES – EA 7519 - Unite Transformations & Agro-Ressources, UniLaSalle, Beauvais, France

PSAT-196  ANHEDONIA AND POSTPRANDIAL DISTRESS SYNDROME IN OBESE PATIENTS WITH AND WITHOUT SLEEVE GASTRECTOMY: IS THERE A LINK?
Antonella Santonicola, Luna Carpinelli, Giovanni Asparago, Paola Iovino
Department Of Medicine, Surgery And Dentistry, University Of Salerno, Italy

PSAT-197  INTRAINTESTINAL DELIVERY OF TASTANTS USING A NASO-DUODENAL-ILEAL CATHETER DOES NOT INFLUENCE FOOD INTAKE OR SATIETY
Tim Klaassen, Annick M.E. Alleleyn, Mark Van Avesaat, Freddy J. Troost, Daniel Keszthelyi, Adrian A.M. Masclee
Maastricht University, Maastricht, The Netherlands

PSAT-198  COMPLEX ULTRASOUND ASSESSMENT OF GUT FUNCTION IN METABOLIC SYNDROME: ROLE OF COLONIC WALL THICKNESS, MOTILITY, INFLAMMATORY AND VASCULAR MARKERS
Rostyslav V Bubnov1, Mykola Y Spivak2
1Clinical Hospital Pheophania, Kyiv, Ukraine; 2Zabolotny Institute of Microbiology and Virology NAS of Ukraine, Kyiv, Ukraine

PSAT-199  PREVALENCE OF FUNCTIONAL GASTROINTESTINAL DISORDER BY ROME III CRITERIA IN KOREAN OBESE SUBJECTS
Junseak Lee, Min-Jae Cho, Seonyeong Hwang, Hyun-Jee Hwang, Youngwoo Kim, Chul-Hyun Lim, Jung Wihan Oh
The Catholic University of Korea, Seoul, South Korea

PSAT-200  THE ASSOCIATIONS BETWEEN GASTROESOPHAGEAL REFLUX DISEASE AND THE CENTRAL OBESITY OF THE ELDERLY
Jae Hak Kim1, Byung Gyu Kim2
1Dongguk University College of Medicine, Dongguk University Ilsan Hospital, Goyang, South Korea; 2Ulsan University College of Medicine, Ulsan University Hospital, Ulsan, South Korea

04 POSTER EXHIBITION
08:30-16:00h ROOM 3
Oesophageal motility disorders
Discussant: Arjan Bredenoord, Netherlands
Prakash Gyawali., USA

PSAT-201  HIGH RESOLUTION IMPEDANCE MANOMETRY (HRIM) USING YOGURT (VISCOSITY MATCHED TO BARIUM) FOR BOLUS CLEARANCE AFTER THERAPY IN ACHALASIA
Shobna Bhatia, Abhijeet Karad, Sreedhar Sundaram, Megha Meshram, Leena Sawant, Deepali Suryawanshi
Seth GS Medical College, Mumbai, India

PSAT-202  CLINICAL UTILITY OF HIGH-RESOLUTION-ESOPHAGEAL-MANOMETRY WITH A SOLID TEST MEAL. A CROSS SECTIONAL STUDY
Juljeta Arquero1, Karla Garcia a Zemer~o2, Mercedes Amieva Balmori1, Ofir Rodriguez Aguilera2, Arturo Marti’nez Conejo1, Mariano Marcolongo1, Jose Maria Remes Troche3
1Hospital Italiano de Buenos Aires, Buenos Aires City, Argentina; 2Instituto de Investigaciones Medico Biologicas, Veracruz, Mexico; 3Instituto de Investigaciones Medicobehacicas, Veracruz, Mexico

PSAT-203  INCREASED OESOPHAGEAL SYMPTOMS AND MANOMETRIC ABNORMAL PATTERNS IN OPIOIDS USERS: EXPERIENCE OF A LARGE TERTIARY REFERRAL CENTRE
Kornilia Nikaki, Philip Woodland, Shirley Gabieta-Sonmez, Etsuro Yazaki, Sreedhar Sundaram, Megha Meshram, Leena Sawant, Deepali Suryawanshi
Wingate Institute of Neurogastroenterology, Barts and the London School of Medicine and Dentistry, Queen Mary University London, London, United Kingdom

PSAT-204  DECREASED ESOPHAGEAL WALL COMPLIANCE AND LONGITUDINAL MUSCLE DYSFUNCTION IN ESOPHAGOGASTRIC JUNCTION OUTFLOW OBSTRUCTION
Ji Hyun Kim
Inje University Busan Paik Hospital, Busan, South Korea
PSAT-205 CAN WE PREDICT CLINICAL PHENOTYPES IN ESOPHAGOGASTRIC JUNCTION OUTFLOW OBSTRUCTION USING HIGH-RESOLUTION MANOMETRY
Joana Carvão1, Armando Peixoto2, Guilherme Macedo2
1Hospital Central do Funchal, Funchal, Portugal; 2Hospital São João, Porto, Portugal

PSAT-206 ACHELASIA IS A COMMON FINDING IN PATIENTS WITH EOE UNDERGOING HIGH-RESOLUTION MANOMETRY
Matteo Ghisa1, Carla Marinelli1, Salvatore Tolone2, Nicola De Bortoli2, Elisa Marabotto4, Patrizia Zentilin4, Vincenzo Savarino4, Brigida Barberio1, Fabiana Zingone1, Edoardo Savarino1
1Division of Gastroenterology, Department of Surgery, Oncology and Gastroenterology, University of Padua, Padua, Italy, Padua, Italy; 2Division of General and Bariatric Surgery, Department of Surgery, Second University of Naples, Naples, Italy, Naples, Italy; 3Division of Gastroenterology, Department of Internal Medicine, University of Pisa, Pisa, Italy, Pisa, Italy; 4Division of Gastroenterology, Department of Internal Medicine, University of Genoa, Genoa, Italy, Genoa, Italy

PSAT-207 INFANTILE ACHALASIA: SPONTANEOUS RESOLUTION CASE REPORT
Carly R Bingham, Mohamed Mutasib
Evelina London Children's Hospital, London, United Kingdom

PSAT-208 IS THERE ANY LINK BETWEEN OESOPHAGEAL HYPOMOTILITY SMALL INTESTINAL BACTERIAL OVERGROWTH?
MINERVA De Silva1, ANNA Wolak1, SEBASTIAN Zekin1, SHIVA Alavi2, JAFAR Jafari2
1GUY’S HOSPITAL LONDON, London, United Kingdom; 2KINGSTON UNIVERSITY LONDON, London, United Kingdom

PSAT-209 INITIAL EXPERIENCE AND CLINICAL OUTCOMES OF PERORAL ENDOCOSCOPIC MYOTOMY FOR THE TREATMENT OF ESOPHAGEAL ACHALASIA AND ESOPHAGEAL MOTILITY DISORDERS
Kyoungwon Jung, Sung Eun Kim, Moo In Park, Won Moon, Jae Hyun Kim
Department of Internal Medicine, Kosin University College of Medicine, Busan, South Korea

PSAT-210 ESOPHAGEAL MOTILITY DISORDERS IN EOSINOPHILIC ESOPHAGITIS
Matteo Ghisa1, Carla Marinelli1, Marco Della Coletta1, Fabiana Zingone1, Salvatore Tolone2, Nicola De Bortoli2, Elisa Marabotto4, Patrizia Zentilin4, Vincenzo Savarino4, Edoardo Savarino1
1Division of Gastroenterology, Department of Surgery, Oncology and Gastroenterology, University of Padua, Padua, Italy, Padua, Italy; 2Division of General and Bariatric Surgery, Department of Surgery, Second University of Naples, Naples, Italy, Naples, Italy; 3Division of Gastroenterology, Department of Internal Medicine, University of Pisa, Pisa, Italy, Pisa, Italy; 4Division of Gastroenterology, Department of Internal Medicine, University of Genoa, Genoa, Italy, Genoa, Italy

PSAT-211 FECAL EOSINOPHIL CATIONIC PROTEIN AS POTENTIAL MARKER OF DISEASE ACTIVITY IN PATIENTS WITH EOSINOPHILIC ESOPHAGITIS
Matteo Ghisa1, Daniela Basso1, Marco Inferrera1, Chiara Cosma1, Carla Marinelli1, Salvatore Tolone3, Nicola De Bortoli4, Vincenzo Savarino5, Patrizia Zentilin5, Edoardo Savarino1
1Division of Gastroenterology, Department of Surgery, Oncology and Gastroenterology, University of Padua, Padua, Italy, Padua, Italy; 2Division of Laboratory Medicine, Department of Medicine-DIMED, University of Padua, Padua, Italy, Padua, Italy; 3Division of General and Bariatric Surgery, Department of Surgery, Second University of Naples, Naples, Italy, Naples, Italy; 4Division of Gastroenterology, Department of Internal Medicine, University of Pisa, Pisa, Italy, Pisa, Italy; 5Division of Gastroenterology, Department of Internal Medicine, University of Genoa, Genoa, Italy, Genoa, Italy

PSAT-212 THE DIAGNOSTIC OUTCOME OF HIGH-RESOLUTION ESOPHAGEAL MANOMETRY (HREM) AMONG FILIPINO PATIENTS WITH ESOPHAGEAL SYMPTOMS FROM A MULTICENTER, TERTIARY LEVEL HOSPITALS IN THE PHILIPPINES
Marc Julius Hernandez Navarro, Sherrie Isabel Querubin De Ocampo
St. Luke’s Medical Center, Institute of Digestive and Liver Diseases, Quezon City, Philippines

PSAT-213 EFFECTS OF SILDENAFIL ON ESOPHAGEAL PERISTALTIC CHARACTERISTICS AND RESERVE IN HUMANS
Chien-Lin Chen, Chih-Hsun Yi, Tso-Tsai Liu, Wei-Yi Lei, Jui-Sheng Hung, Ming-Wun Wong
Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation and Tzu Chi University, Hualien, Taiwan

PSAT-214 EOSINOPHILIC ESOPHAGITIS QUALITY OF LIFE QUESTIONNAIRE WELL CORRELATES WITH DISEASE ACTIVITY AND RESPONSE TO THERAPY IN ACTIVE EOSINOPHILIC ESOPHAGITIS PATIENTS
Matteo Ghisa1, Brigida Barberio1, Marco Della Coletta1, Marco Inferrera1, Carla Marinelli1, Salvatore Tolone2, Nicola De Bortoli3, Patrizia Zentilin4, Vincenzo Savarino4, Edoardo Savarino1
1Division of Gastroenterology, Department of Surgery, Oncology and Gastroenterology, University of Padua, Padua, Italy, Padua, Italy; 2Division of General and Bariatric Surgery, Department of Surgery, Second University of Naples, Naples, Italy, Naples, Italy; 3Division of Gastroenterology, Department of Internal Medicine, University of Pisa, Pisa, Italy, Pisa, Italy; 4Division of Gastroenterology, Department of Internal Medicine, University of Genoa, Genoa, Italy, Genoa, Italy
PSAT-215  EPIDEMIOLOGY AND MANAGEMENT OF ACHALASIA IN KOREA BASED ON NATIONWIDE 5,009 PATIENT DATASET: ADOPTION OF HIGH-RESOLUTION MANOMETRY
Kee Wook Jung, Ga Hee Kim
Asan Medical Center, Seoul, South Korea

PSAT-216  HIGH RESOLUTION MANOMETRY TRADITIONAL PARAMETERS ARE NOT USEFUL TO PREDICT RESPONSE TO ENDOSCOPIC TREATMENT IN PATIENTS WITH ESOPHAGO-GASTRIC JUNCTION OUTFLOW OBSTRUCTION
Marco Della Coletta1, Matteo Ghisa1, Alessandro Gubbiotti1, Marzio Frazzoni2, Leonardo Frazzoni3, Salvatore Tolone4, Nicola De Bortoli5, Fabiana Zingone6, Vincenzo Savarino7, Edoardo Vincenzo Savarino6
1Gastroenterology Unit, Department of Surgery, Oncology and Gastroenterology, University of Padova, Padova, Italy; 2Digestive Pathophysiology Unit and Digestive Endoscopy Unit, Baggiovara Hospital, Modena, Italy; 3Department of Medical and Surgical Sciences, University of Bologna, Bologna, Italy; 4General and Bariatric Surgery Unit, Department of Surgery, University of Campania Luigi Vanvitelli, Napoli, Italy; 5Department of Translational Research and New Technology in Medicine and Surgery, University of Pisa, Pisa, Italy; 6Gastroenterology Unit, Department of Surgery, Oncology and Gastroenterology, University of Padova, Padova, Italy; 7Gastroenterology Unit, Department of Internal Medicine, University of Genova, Genova, Italy

PSAT-217  THE CLINICAL APPLICATION OF ESOPHAGEAL FUNCTIONAL LUMINAL IMAGING PROBE (FILP) PANOMETRY IN KOREAN ACHALASIA PATIENTS WHO UNDERWENT PERORAL ENDOSCOPIC MYOTOMY BASED ON A SINGLE CENTER DATABASE
Li-Chang Hsing1, KyungMin Choi2, Kee Wook Jung3, Segeyong Joo2, Myeongsook Seo2, Hwoon-Yong Jung1
1Departments of Gastroenterology, University of Ulsan College of Medicine, Asan Medical Center, Seoul, South Korea; 2Departments of Biomedical Engineering, University of Ulsan College of Medicine, Asan Medical Center, Seoul, South Korea; 3Gangneung Asan Medical Center, Gangneung, South Korea

PSAT-218  RAPID DRINK CHALLENGE TEST (RDC) DURING HIGH RESOLUTION IMPEDANCE MANOMETRY (HRIM) FOR EVALUATION OF THE RESPONSES TO PERORAL ENDOSCOPIC MYOTOMY (POEM) IN PATIENTS WITH ACHALASIA
Ingrid Marin1, Carlos Guaner-Arjente2, M Rodriguez2, B Bensliman1, Jordi Serra1
1Motility and Functional Gut Disorders Unit, University Hospital Germans Trias i Pujol, Badalona, Spain; 2Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

PSAT-219  EOSINOPHILIC ESOPHAGITIS - VISUAL SCORE: A NOVEL PICTORIAL SELF-ADMINISTERED TOOL TO ASSESS QUALITY OF LIFE IN PATIENTS WITH EOSINOPHILIC ESOPHAGITIS
Matteo Ghisa1, Carla Marinelli1, Brigida Barberio1, Marco Inferrera1, Marco Della Coletta1, Salvatore Tolone1, Nicola De Bortoli1, Vincenzo Savarino1, Patrizia Zentilin4, Edoardo Savarino4
1Division of Gastroenterology, Department of Surgery, Oncology and Gastroenterology, University of Padua, Padua, Italy; 2Division of General and Bariatric Surgery, Department of Surgery, Second University of Naples, Naples, Italy; 3Division of Gastroenterology, Department of Internal Medicine, University of Pisa, Pisa, Italy; 4Division of Gastroenterology, Department of Internal Medicine, University of Genoa, Genoa, Italy

PSAT-220  UPPER AND LOWER ESOPHAGEAL SPHINCTER RESTING PRESSURE AT THE START AND AT THE END OF HIGH-RESOLUTION ESOPHAGEAL MANOMETRY EXAMINATIONS
Vasily Kropochev1, Sergey Morozov1, Albert J. Bredenoord2
1Federal Research Center of Nutrition and Biotechnology, Moscow, Russia; 2Amsterdam Medical Center, Amsterdam, The Netherlands

PSAT-221  DYSPHAGIA IN PATIENTS WITH SEVERE BRAIN DAMAGE
Irina Pichugina1, Natalia Pryanikova1, Alexey Yakovlev1, Alexander Shajbak1
Federal Research and Clinical Center of Intensive Care Medicine and Rehabilitation, Moscow, Russia

PSAT-222  PERORAL ENDOSCOPIC MYOTOMY EFFECT ON ESOPHAGEAL MOTILITY – EXPERIENCE OF A TERTIARY PORTUGUESE CENTER
Rui Mendo1, Catarina Félix1, José Pedro Rodrigues1, Pedro Barreiro1, Eduardo Pires1, Cristina Chagas1
1Centro Hospitalar Lisboa Ocidental, Hospital de Egas Moniz, Lisboa, Portugal; 2Hospital da Luz, Lisboa, Portugal

PSAT-223  MANOMETRIC DIAGNOSIS OF ACHALASIA AND ITS SUBTYPES: ARE CHICAGO CLASSIFICATION 3 (CC3) CRITERIA REALLY BETTER THAN THE CONVENTIONAL?
Georgina Ollé1, Kristzina Helle2, Orsolya Inczefi3, Menke Bálint1, Klára Vadászi1, Richárd Róka1, András Rosztóczy1
1First Department of Medicine, University of Szeged, Szeged, Hungary

PSAT-224  IS 3D- HIGH RESOLUTION ESOPHAGEAL MANOMETRY USEFUL IN DIAGNOSIS OF ACHALASIA?
Luís Abreu Novais1, Catarina Félix1, José Pedro Rodrigues1
1LNMD Laboratório de Neurgastroenterologia e Motilidade Digestiva. Nova Medical School FCM, CEDOC -UNL, Lisbon, Portugal
PSAT-225  JACKHAMMER ESOPHAGUS: CLINICAL AND MANOMETRICAL CHARACTERIZATION IN TWO PORTUGUESE CENTERS
Joyce Chivia1, José Rodrigues2, Eduardo Pires3, Cristina Chagas4
1Gastroenterology department, Lisboa, Portugal; 2Hospital de Egas Moniz, Lisboa, Portugal; 3Gastroenterology department, Hospital da Luz, Lisboa, Portugal; 4Gastroenterology department, Hospital de Egas Moniz, Lisboa, Lisboa, Portugal

PSAT-226  UNRESPONSIVE DYSPHAGIA TO PROTON PUMP INHIBITORS IN EOSINOPHILIC ESOPHAGITIS PATIENTS SUGGESTS TO START STEROID THERAPY WITHOUT THE NEED OF PERFORMING A SECOND UPPER ENDOSCOPY
Marco Della Coletta1, Matteo Ghisa2, Marzio Frazzoni3, Leonardo Frazzoni4, Salvatore Tolone5, Nicola De Bortoli6, Elisa Marabotto7, Manuele Furnari8, Vincenzo Savarino9, Edoardo Vincenzo Savarino10
1Gastroenterology Unit, Padova, Italy; 2Department of Surgery, Padova, Italy; 3Oncology and Gastroenterology, Modena, Italy; 4University of Padova, Bologna, Italy; 5Gastroenterology Unit, Napoli, Italy; 6Department of Surgery, Pisa, Italy; 7Oncology and Gastroenterology, Genova, Italy; 8University of Padova, Genova, Italy; 9Digestive Pathophysiology Unit and Digestive Endoscopy Unit, Genova, Italy; 10Baggiovara Hospital, Padova, Italy

PSAT-227  POOR CORRELATION BETWEEN ENDOSCOPIC FINDINGS, EOSINOPHILIC INFILTRATION AND REFLUX BURDEN IN PATIENTS WITH EOSINOPHILIC ESOPHAGITIS
Marco Della Coletta1, Matteo Ghisa1, Marzio Frazzoni2, Leonardo Frazzoni3, Salvatore Tolone4, Nicola De Bortoli5, Elisa Marabotto6, Manuele Furnari6, Vincenzo Savarino6, Edoardo Vincenzo Savarino7
1Gastroenterology Unit, Department of Surgery, Oncology and Gastroenterology, Padova, Italy; 2Digestive Pathophysiology Unit and Digestive Endoscopy Unit, Baggiovara Hospital, Modena, Italy; 3Department of Medical and Surgical Sciences, University of Bologna, Bologna, Italy; 4General and Bariatric Surgery Unit, Department of Surgery, University of Campania Luigi Vanvitelli, Napoli, Italy; 5Department of Translational Research and New Technology in Medicine and Surgery, University of Pisa, Pisa, Italy; 6Gastroenterology Unit, Department of Internal Medicine, University of Genova, Genova, Italy; 7Gastroenterology Unit, Department of Surgery, Oncology and Gastroenterology, University of Padova, Padova, Italy
Industry lunch Symposium Programme

THURSDAY | 05TH SEPTEMBER

13:00-13:45h  |  INDUSTRY LUNCH SYMPOSIUM A  |  ALLERGAN  |  ROOM 01
   SPOTLIGHT ON DIABETIC GASTROPARESIS: PATHOPHYSIOLOGY, DIAGNOSIS AND MANAGEMENT
   Qasim Aziz, Jan Tack, Adam Farmer & Kelly Swaim

   LEARNING OBJECTIVES
   ▶ Increase awareness of the prevalence of DG
   ▶ Understand the pathophysiological mechanism that give rise to sensorimotor abnormalities and symptoms in DG
   ▶ Appreciate the investigations that are available to diagnose DG
   ▶ Understand how DG is managed in a stepwise, multidisciplinary fashion
   ▶ Be aware of Allergan's continued commitment to the field and the on-going pivotal phase 3 studies of relamorelin

13:00–13:05h  |  VIRTUAL MEETING
   Chair’s welcome
   - Session outline
   - Importance of Diabetic Gastroparesis
   Professor Qasim Aziz

13:05–13:15h  |  Pathophysiology of Diabetic Gastroparesis
   Professor Jan Tack

   Dr Adam Farmer

13:25–13:35h  |  Clinical trial programme
   Kelly Swaim, Associate VP, Global Clinical Development (Allergan)

13:35–13:45h  |  Panel Q&A
   Facilitated by Professor Qasim Aziz

FRIDAY | 06TH SEPTEMBER

13:00-13:45h  |  INDUSTRY LUNCH SYMPOSIUM B  |  SANOFI  |  ROOM 01
   BISACODYL: MARKETED SINCE THE 1950’S, BUT WHAT DO WE REALLY KNOW ABOUT THIS LAXATIVE?
   Maura Corsetti
13:00-13:45h  INDUSTRY LUNCH SYMPOSIUM C BIOCODEX

MICROBIOME BASED STRATEGIES IN IBS MANAGEMENT
Chairman: Jan Tack
Speaker: Magnus Simrén

BIOCODEX
LUNCH SYMPOSIUM

September 7th 2019
1:00 pm
#01 Room - level 2

MICROBIOTA  IBS
Microbiome based strategies in IBS management

Prof J. Tack
University Hospitals Leuven
Belgium
Chairman

Prof M. Simrén
University of Gothenburg
Sweden
Speaker

Low FODMAP diet
B. longum 35624®
FMT
General information

CONGRESS REGISTRATION DESK
Congress materials will be available at the congress registration desk located in the Foyer of the Main Room on the ground floor. The congress staff will be pleased to help you with all enquiries related to the meeting.

OPENING HOURS
Thursday, 05th September 2019  07:30–18:00h
Friday, 06th September 2019  07:30–18:00h
Saturday, 07th September 2019  08:30–16:15h

REGISTRATION FEES

<table>
<thead>
<tr>
<th>Registrations online at <a href="http://www.admedic.pt">www.admedic.pt</a></th>
<th>Scientific Meeting</th>
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<tbody>
<tr>
<td>Early Fee (up to May 27)</td>
<td>Standard Fee (from May 28 to July 22)</td>
</tr>
<tr>
<td>Members of ESNM</td>
<td>400 €</td>
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<tr>
<td>Non-members</td>
<td>450 €</td>
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<tr>
<td>Residents, Post-Doctor Fellows, Trainees</td>
<td>200 €</td>
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<td>(Requires a confirmation from the programme director)</td>
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<tr>
<td>Students</td>
<td>120 €</td>
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<tr>
<td>(Requires a confirmation from the University)</td>
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<tr>
<td>Members of the Scientific Committee and Faculty</td>
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<tr>
<td>All members of the Scientific Committee and faculty will receive an invitation, and are not required to pay a registration fee.</td>
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<tr>
<th>Post-Graduate Course</th>
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<tr>
<td>Members of ESNM</td>
<td>150 €</td>
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<tr>
<td>Non-members</td>
<td>180 €</td>
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<tr>
<td>Residents, Post-Doctor Fellows, Trainees</td>
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<table>
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<tr>
<th>Package Post-Graduate Course + Scientific Meeting</th>
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<tr>
<td>Members of ESNM</td>
<td>500 €</td>
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<tr>
<td>Non-members</td>
<td>550 €</td>
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<tr>
<td>Residents, Post-Doctor Fellows, Trainees</td>
<td>250 €</td>
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<td>300 €</td>
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<td></td>
<td>350 €</td>
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</table>

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 a delegate bag and/or other congress material. On-site registration will be handled upon first come, first served basis, priority will be given to pre-registered delegates.
CONGRESS LANGUAGE
The official language of the ESNM 2019 Meeting 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:
https://onlinelibrary.wiley.com/toc/1365-2982/2019/31/S4
Furthermore all abstracts are available on the congress website http://www.neurogastro2019.org/ and in the Congress App.

PROGRAMME CHANGES
The organisers cannot assume liability for any changes in the congress programme due to external or unforeseen circumstances.

ESNM 2019 APP CONGRESS MOBILE®
Get the NeuroGastro 2019 App for your smart phone now and experience the meeting at your fingertips! Stop carrying around piles of paper and quickly find your way through the most up-to-date congress schedule. Just take the congress with you, wherever and whenever you want!
Quickly find your way through the most up-to-date meeting schedule
Mark your favourite sessions and personalise your experience
Get in touch with other delegates via the networking-tool
Access vital information around the meeting
The NeuroGastro 2019 App is completely free and provides iOS and Android users at the NeuroGastro 2019 with on-the-go access to the schedule and vital information.
You can download the App at:

As a courtesy to all participants WiFi allows easy access to the internet. Please select:
WiFi network: Vodafone CCB free; no Password needed

POSTER PRESENTATIONS
Poster authors are required to be available for questions and further information at their poster board according to the following schedule.
A poster assigned poster number can be found on the poster boards, in the poster area.
Location: Room 3, 1st floor
POSTERS TO EXHIBIT SEPTEMBER 5
Poster Numbers: PTH-01 to PTH-087
Affix September 4  15:00 – 18:00
Withdraw September 5  18:00 – 18:45

POSTERS TO EXHIBIT SEPTEMBER 6
Poster Numbers: PFR-88 to PFR-150
Affix September 5  18:45 – 19:15
Withdraw September 6  18:00 – 18:30

POSTERS TO EXHIBIT SEPTEMBER 7
Poster Numbers: PSAT-150 to PSAT-227
Affix September 6  18:30 – 19:00
Withdraw September 7  16:30 – 17:30

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 Foyer of Room 3 on the first floor where coffee will be offered during the breaks.

Opening Hours
Thursday, 5 September 2019  09:00 – 18:00
Friday, 6 September 2019  09:00 – 18:00
Saturday, 7 September 2019  09:00 – 16:00

ESNM MEMBERSHIP ISSUES
For ESNM membership issues and any other business regarding the society, please visit the booth which is located in the exhibition area in the Foyer of Room 3.

COFFEE BREAKS
Coffee breaks are included in the registration fee and will take place in the exhibition hall on the first floor.

GET-TOGETHER
All participants of NeuroGastro 2019 are cordially invited to attend the Get-Together event, which will be held on Friday, 6 September, from 19:00 onwards. The gathering will take place at Electricity Museum. There will be drinks and some finger food but a meal will not be provided.

To get access Delegates need to be registered.
Delegates who did not register in the Get-Together event, are invited to acquire their ticket on site, at the registration desk.

CLOAKROOM
A cloakroom is available in the Registration Desk.
ELECTRICITY
Voltage: 220/380 volts at a frequency of 50 Hertz. All sockets follow European standards. To use American type plugs, a 220-volt transformer should be used together with an adapter plug.

CITY OF LISBON
Lisbon is the capital of Portugal and lies on the north bank of the Tagus Estuary, on the European Atlantic coast. It is the westernmost city incontinental Europe. Greater Lisbon has an area of approximately 1,000 km². The city lies more or less in the centre of the country, approximately 300 km from the Algarve in the south and 400 km from the northern border with Spain. Lisbon offers a wide variety of options to the visitor, including beaches, countryside, mountains and areas of historical interest only a few kilometers away from the city.

CLIMATE
Due to the influence of the Atlantic Ocean, Lisbon has a pleasant climate throughout the year. The agreeable temperatures in the summer months are an open invitation for a walk by the river, or to spend an afternoon in one of the many street cafés and rooftop bars to be found all over the city.

GETTING TO LISBON
Lisbon is easy to get to. It is a short flight away from most European cities, and is just as easily accessible by road, railway or sea.

By Air
Lisbon International Airport, 7 km from the city centre, has daily flights to and from the major cities in Europe and the world. Lisbon Airport has two terminals: Terminal 1 is for International and Domestic flights and Terminal 2 is for Low cost flights only. For further information please visit the official website of Lisbon International Airport: www.ana.pt.

By Road
Arriving in Lisbon by road is a pleasant experience, as the visitor can enjoy the beautiful countryside along the way. The city has good road accesses and the most frequently used routes are: the A1 motorway, the 25th April Bridge and Vasco da Gama Bridge.

By Rail
Scores of national and international trains arrive in Lisbon every day. In addition to Santa Apolónia terminal station, the city has the Gare do Oriente, adjacent to the Parque das Nações. Both stations have direct bus or underground connections to the city center. For further information please visit www.cp.pt.

By Subway
One of the quickest ways to travel in Lisbon is by Metro operating from 06.00 am - 01.00 am. It covers almost the whole city and next to most hotels you will find metro station. For further information please check www.metrolisboa.pt.

By Bus / Tram
Carris has the exclusive rights as the above ground mass public transport operator in Lisbon. An extensive network of bus routes covers the entire city and outskirts. Inside Lisbon you may also use a traditional public transport: the tram. For further information please check www.carris.pt.

By Taxi
Taxis in Lisbon are beige or black and green and offer very reasonable prices to get around. They have an illuminated taxi sign at the top.
Acknowledgements / List of Exhibitors

The organisers of the 4th Biennial Meeting of the European Society of Neurogastroenterology and Motility and Postgraduate Course on Gastrointestinal Motility 2019, gratefully acknowledge the support of the following companies (as per 26 August 2019).

LIST OF EXHIBITORS

<table>
<thead>
<tr>
<th>COMPANY</th>
<th>BOOTH NO.</th>
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</thead>
<tbody>
<tr>
<td>ALFASIGMA</td>
<td>B05 + B06</td>
</tr>
<tr>
<td>ALLERGAN</td>
<td>B07 + B08</td>
</tr>
<tr>
<td>ANGMA</td>
<td>A02</td>
</tr>
<tr>
<td>BIOCODEX</td>
<td>B01 + B02</td>
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<tr>
<td>CHONGQING JINSHAN SCIENCE &amp; TECHNOLOGY (GROUP) CO., LTD.</td>
<td>A03</td>
</tr>
<tr>
<td>DIVERSATEK HEALTHCARE</td>
<td>A06</td>
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<tr>
<td>DR. FALK PHARMA GmbH</td>
<td>B03</td>
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<tr>
<td>ESNM – EUROPEAN SOCIETY OF NEUROGASTROENTEROLOGY &amp; MOTILITY</td>
<td>A05</td>
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<tr>
<td>IMMUNDIAGNOSTIK AG</td>
<td>A01</td>
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<tr>
<td>LABORIE</td>
<td>B04</td>
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<tr>
<td>MEDTRONIC</td>
<td>C01</td>
</tr>
<tr>
<td>SANOFI</td>
<td>B09 + B10</td>
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<tr>
<td>GUT MICROBIOTA FOR HEALTH</td>
<td>A04</td>
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</table>
Exhibition Plan

3 sqm (3m x 1m)

6 sqm (3m x 2m)

9 sqm (3m x 3m)

Maximum high = 2,70m
Chairpersons and Presenters

Adam Farmer
Agata Mulak
André Smout
Andreas Stengel
Arjan Bredenoord
Asbjørn Mohr Drewes
Bas Weusten
Beate Niesler
Bruno Bonaz
Carlos Francisconi
Cecilia Giron
Christina Brock
Cláudia Marques
Daisy Jonkers
Dan Dumitrascu
Daniel Pohl
Daniel Sifrim
David Grundy
Dervla O’Malley
Eduardo Pereira
Emma Carrington
Estelle Grasset
Frank Zerbib
Ger Clarke
Giovanni Barbara
Giuseppe Chiarioni
Goran Hauser
Guillaume Gourcerol
Guy Boeckstaens
Helen Cox
Helena Cortez Pinto
Henriette Heinrich
Hiroto Miwa
Hyojin Park
Inge Depoortere
James Ruffle
Jan Martinek
Jan Tack
Jean Marc Sabaté
Jordi Serra
Justin Wu
Jutta Keller
Kelly Swaim
Kok Ann Gwee
Luis Novais
Lukas Van Oudenhove
Madusha Peiris
Magnus Simren
Maria Vicario
Mark Fox
Mark Scott
Maura Corsetti
Mauro D’Amato
Michael Camilleri
Miriam Goebel-Stengel
Nathalie Rommel
Niall Hyland
Olga Storonova
Paul Enck
Paulo Souto
Philip Woodland
Prakash Gyawali
Qasim Aziz
Raffaella Gozzelino
Ram Dickman
René van den Wijngaard
Ricardo Guilherme Viebig
Ricard Farré
Roberto De Giorgio
Rui Tato Marinho
Sabine Roman
Serhat Bor
Sigrid Elsenbruch
Siobhain O’Mahony
Vasile Drug
Vincenzo Stanghellini
Yuuki Obata