



Program Overview

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Thursday August 30, 2018

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| 08:30-10:30 | <p>PL-1 One hundred years of peristalsis <i>Chairs: John Furness; Jan Huizinga</i> From Trendelenburg to spatiotemporal maps <i>Marcello Costa, Australia</i> Key mediators of peristalsis: pharmacological implications <i>Terence Smith, USA</i> Relevance of disordered motility in gut diseases <i>Michael Schemann, Germany</i></p> | | |
| 10:30-11:00 | Coffee Break | | |
| 11:00-12:30 | <p>PL-2 Advances in achalasia <i>Chairs: tbd</i> Pathophysiology of achalasia <i>Guy Boeckxstaens, Belgium</i> Treatment of achalasia <i>Arjan Bredenoord, Netherlands</i></p> | | |
| 12:30-14:00 | Lunch Break | | |
| 14:00-15:30 | <p>PA-1A Epithelial biology in NGM <i>Chairs: Shin Fukudo; tbd</i> Mucosal signaling: role of mucosal barrier and immune dysregulation <i>Åsa Keita, Sweden</i> Barrier dysfunction in post-infectious IBS <i>Madhusudan Grover, USA</i></p> | <p>PA-1B Nausea <i>Chairs: Paul Enck; Kwang Jae Lee</i> Central processing of nausea <i>Braden Kuo, USA</i> Mechanism of nausea <i>Kirsteen Browning, USA</i></p> | <p>PA-1C Pediatric functional GI and motility disorders <i>Chairs: Marc Benninga; tbd</i> Rome IV criteria <i>Annamaria Staiano, Italy</i> IBS from young adult to old age <i>Max Schmulson, Mexico</i></p> |
| 15:30-16:00 | Coffee Break | | |
| 16:00-17:30 | <p>PA-2A Neurodevelopment <i>Chairs: tbd</i> Neurodevelopmental aspects of gut dysfunction <i>Nikhil Thapar, UK</i> Stem cells: how to build up an enteric nervous system <i>Michel Neunlist, France</i></p> | <p>PA-2B Mechanisms and treatment of gas and bloating <i>Chairs: tbd</i> Role of methane in gut physiology and symptom generation <i>Hyojin Park, Korea</i> Bloating and distention <i>Carolina Malagelada, Spain</i></p> | <p>PA-2C GERD <i>Chairs: André Smout; tbd</i> New diagnostic options <i>John Pandolfino, USA</i> Management of refractory GERD <i>Xiao-Hua Hou, China</i></p> |



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Friday August 31, 2018

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| 08:00-10:30 | <p>PA-3A Optogenetic control of gut function <i>Chairs: David Grundy; tbd</i></p> <p>Optogenetic activation of enteric pathways <i>Lincon Stamp, Australia</i></p> <p>Optogenetic induction of gut propulsion <i>Nick Spencer, Australia</i></p> <p>Optogenetic manipulation of vagal pathways <i>Rui Chang, USA</i></p> | <p>PA-3B Functional aspects of host-microbiome interactions <i>Chairs: tbd</i></p> <p>Bacterial dysbiosis <i>Shin Fukudo, Japan</i></p> <p>Fungal dysbiosis <i>René van den Wijngaard, Netherlands</i></p> <p>Host-microbiome interactions <i>Purna Kashyap, USA</i></p> | <p>PA-3C Therapeutic advances in FGIDs <i>Chairs: tbd</i></p> <p>Psychological interventions <i>Jeff Lackner, USA</i></p> <p>Pharmacological treatment of IBS and constipation <i>Maura Corsetti, UK</i></p> <p>Complementary / alternative treatments <i>Justin Wu, Hong Kong</i></p> |
| 10:30-11:00 | Coffee Break | | |
| 11:00-12:30 | <p>PA-4A Chemosensation and EC cells <i>Chairs: Ashley Blackshaw; Arthur Beyder</i></p> <p>Taste receptors and signaling in the gut <i>Catia Sternini, USA</i></p> <p>Factors controlling EC cell triggering <i>Damien Keating, Australia</i></p> | <p>PA-4B Infection and FGIDs <i>Chairs: José Maria Remes-Troche; tbd</i></p> <p>H. pylori and functional dyspepsia <i>Hiroto Miwa, Japan</i></p> <p>Post-infectious IBS <i>Giovanni Barbara, Italy</i></p> | <p>PA-4C Food components triggering GI symptoms <i>Chairs: Sutep Gonlachanvit; tbd</i></p> <p>FODMAPs <i>William Chey, USA</i></p> <p>Gluten <i>Elena Verdú, Canada</i></p> |
| 12:30-14:00 | Lunch Break | | |
| 14:00-15:30 | <p>PA-5A Satiety regulation and obesity <i>Chairs: Christine Feinle-Bisset; tbd</i></p> <p>Obesity, enteric nervous system and microbiome <i>Shanthi Srinivasan, USA</i></p> <p>Therapeutic targets in the modulation of satiety <i>Michael Camilleri, USA</i></p> | <p>PA-5B Chronic intestinal pseudo-obstruction <i>Chairs: Vincenzo Stanghellini; tbd</i></p> <p>Molecular and cellular characteristics <i>Seung-Jae Myung, Korea</i></p> <p>Clinical aspects and management <i>Roberto De Giorgio, Italy</i></p> | <p>PA-5C Integrated systems approach in IBS <i>Chairs: Joon Seong Lee; tbd</i></p> <p>Genetics of IBS <i>Beate Niesler, Germany</i></p> <p>Systems approach in IBS <i>Lin Chang, USA</i></p> |
| 15:30-16:00 | Coffee Break | | |
| 16:00-17:30 | <p>PA-6A Sensory neuro-immune modulation and glial cells <i>Chairs: Jim Galligan; tbd</i></p> <p>Neuro-immune modulation <i>Wouter de Jonge, Netherlands</i></p> <p>Neuro-glia modulation <i>Pieter Vanden Berghe, Belgium</i></p> | <p>PA-6B Sex differences in FGIDs <i>Chairs: tbd</i></p> <p>Biological mechanisms <i>Muriel Larauche, USA</i></p> <p>Clinical presentation <i>Nayoung Kim, Korea</i></p> | <p>PA-6C Functional dyspepsia and gastroparesis <i>Chairs: Sanjiv Mahadeva; tbd</i></p> <p>Functional dyspepsia <i>Jan Tack, Belgium</i></p> <p>Gastroparesis <i>Gianrico Farrugia, USA</i></p> |



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Saturday September 1, 2018

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| 08:00-10:30 | <p>PA-7A GI complications of neurological disease <i>Chairs: Albis Hani; tbd</i></p> <p>Multiple sclerosis <i>Gary Mawe, USA</i></p> <p>Autism <i>Kara Margolis, USA</i></p> <p>Parkinson's disease <i>R. Alberto Travagli, USA</i></p> | <p>PA-7B Visceral pain <i>Chairs: Qasim Aziz; Stephen Vanner</i></p> <p>Peripheral mechanisms of cross-organ sensitization <i>Stuart Brierley, Australia</i></p> <p>Central mechanisms of cross-organ sensitization <i>Beverley Greenwood-van Meerveld, USA</i></p> <p>Clinical aspects and treatment of visceral pain <i>Asbjørn Drewes, Denmark</i></p> | <p>PA-7C Dysphagia and eosinophilic esophagitis <i>Chairs: Arjan Bredenoord; tbd</i></p> <p>Evaluation of dysphagia <i>Miguel Valdovinos, Mexico</i></p> <p>Diagnosis and assessment of EoE activity <i>Frank Zerbib, France</i></p> <p>Treatment of EoE <i>Sabine Roman, France</i></p> |
| 10:30-11:00 | Coffee Break | | |
| 11:00-12:30 | <p>PL-3 Microbiome and gut-brain axis <i>Chairs: Oh Young Lee; Emeran Mayer</i></p> <p>Clinical relevance of the microbiome <i>Magnus Simren, Sweden</i></p> <p>Stress and the brain-gut axis <i>John Cryan, Ireland</i></p> <p>Treatment targeting the microbiome <i>Uday Ghoshal, India</i></p> | | |