



**FNM 2020**

**4th Meeting of the Federation of Neurogastroenterology & Motility**

Adelaide Convention Centre  
Adelaide, Australia  
**25 - 28 MARCH 2020**

## Wednesday 25th March 2020

14:00	Registration
17:00	Opening Presentation <b>Professor Robin Warren</b> , (Australia) Nobel Laureate <b>Discovery of H-Pylori in Peptic Ulcer Disease</b>
17:45	Life Time Achievement Award
18:00	Welcome Reception

## Thursday 26th March 2020

8:30	Official Welcome
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Symposium 1	<b>Obesity and The Gut</b>		
	<i>Chairs: Amanda Page &amp; Leonie Heilbronn</i>		
8:45	Microbiome, Diet and Obesity Intervention <b>Andrew Holmes</b> (Australia)		
	Changes in Gut Function with Obesity <b>Helen Raybould</b> (USA)		
	Personalised Approaches to Obesity <b>Andres Acosta</b> (USA)		
	Motility Changes After Bariatric Surgery <b>Michael Talbot</b> (Australia)		
10:30	Morning Break		
<i>Concurrent sessions</i>	<i>Upper GI disorders: Diagnosis &amp; Treatment</i>	<i>State of the Art: Translational Applications In The Study Of Dysmotility</i>	<i>Enteric Nervous System: Circuitry &amp; Function</i>
	<i>Chairs: David Watson &amp; Poong Lyul Rhee</i>	<i>Chairs: Mark Scott &amp; Phil Dinning</i>	<i>Chairs: Jack Wood &amp; Gemma Mazzuolo-Weber</i>
11:00	Diagnosis GERD <b>André Smout</b> (Netherlands)	Emerging methods for evaluating gastric motility <b>Greg O'Grady</b> (New Zealand)	New insights into ENS Circuits and Function <b>Marcello Costa</b> (Australia)
	Management of Reflux Hypersensitivity and Functional Heartburn <b>Ronnie Fass</b> (USA)	The New Understanding Of Colonic Motility: When Clinicians Speak With Basic Scientists (Lower Gut) <b>Maura Corsetti</b> (UK)	Imaging the Enteric Nervous System In Health and Disease <b>Pieter Vanden Berghe</b> (Belgium)
12:30 – 13:30	Lunch Break		
<i>Concurrent Sessions</i>	<i>Gut Dysfunction &amp; Systemic Disorders</i>	<i>FGIDs: A world view (based on "Rome IV: Global study")</i>	<i>EC &amp; EE Cells Contributing To Mucosal Signalling</i>
	<i>Chairs: Roberto De Giorgio &amp; Bridget Southwell</i>	<i>Chairs: Jan Tack &amp; John Kellow</i>	<i>Chairs: Damien Keating &amp; John Furness</i>

13:30	What roles do GI dysfunction play in ASD? <b>Kara Margolis (USA)</b>	A 33-country population-based study of the prevalence and burden of the functional GI disorders <b>Ami D. Sperber (Israel)</b>	The touching story of enterochromaffin cell mechanosensitivity <b>Art Beyder (USA)</b>
	Parkinson's disease: it's not all in your head <b>Alberto Travagli (USA)</b>	A comparison of findings between the Rome IV Global Epidemiology study and previous studies <b>Max Schulson (Mexico)</b>	A gut choice for sugars <b>Diego Bohorquez (USA)</b>
		The Rome IV PI-IBS Working Team <b>Giovanni Barbara (Italy)</b>	
15:00	Afternoon Break		
<i>Concurrent sessions</i>	<i>Integrated &amp; Complementary Treatments for FGIDs</i>	<i>Microbiome-Gut-Brain-Axis</i>	<i>Ageing &amp; Sex Differences in GI Motility &amp; Transit</i>
	<i>Chairs: Charles Knowles &amp; Ami Sperber</i>	<i>Chair: Dervla O'Malley &amp; John Cryan</i>	<i>Chairs: Jim Galligan &amp; Kara Margolis</i>
15:30	Complementary and Alternative Medicine: Myths or Facts? <b>Justin Wu (Hong Kong)</b>	Brain-Gut Interactions and Gut Microbiota in Irritable Bowel Syndrome <b>Shin Fukudo (Japan)</b>	Gastrointestinal motility in aged mice <b>Hongzhen Hu (USA)</b>
	Diet as a risk factor and treatment target for mental and brain health: does our gut hold the key? <b>Felice Jacka (Australia)</b>	Modulating the gut microenvironment as a treatment strategy for irritable bowel syndrome <b>Magnus Simren (Sweden)</b>	Where have all the ICC gone? A chromatin-based push-pull mechanism for gastric aging <b>Tamas Ordog (USA)</b>
	Acupuncture for the treatment of constipation <b>Yinglian Xiao (China)</b>		
17:00	Break		
Plenary Session	<i>Chairs Peter Gibson &amp; Marcello Costa</i>		
17:15	Role of Diet in Functional Bowel Disorders: Toward a Mechanism-Based Treatment <b>Professor Robin Spiller (UK)</b>		
17:45	The ENS: Evolution, Function and Malfunction <b>Professor John Furness (Australia)</b>		

18:15 – 19:15 **Poster Session****Friday 27th March 2020**

7:30 – 8:30	<i>Neuro-oncology of the Gastrointestinal Tract</i>	<i>Miscellaneous Best Scored Abstracts</i>	<i>Highlights from Little Brain to Big Brain</i>
	<i>Chairs: Robert Hofstra &amp; Rachel Gibson (Australia)</i>	<i>Chairs: Pieter Vanden Berghe &amp; Catia Sternini</i>	<i>Chairs: Simona Carbone &amp; Luke Grundy</i>
	NDGR4- When Tumours Get Nervous <b>Veerle Melotte</b> (Netherlands)		
	Nerve signalling in gastric cancer <b>Yoku Hayakawa</b> (Japan))		
Symposium 2	<b>Mechanisms in Functional GI disorders</b>		
	<i>Chairs: Michael Camilleri (USA) &amp; Kwang Jae Lee (Korea)</i>		
8:30	New clinical perspectives in FGIDs <b>Nick Talley</b> (Australia)		
	Efferent pathways in FGIDs <b>Guy Boeckxstaens</b> (Belgium)		
	Role of the gut-brain axis in FGIDS <b>Lin Chang</b> (USA)		
	Neuro-immune effects on sensation in FGIDs <b>Nathalie Vergnolle</b> (France)		
10:30 – 11:00	Morning Break		
Concurrent sessions	<i>Personalising Treatments For Functional Disorders – Clinical Debate Session</i>	<i>Neuro-Immune Interactions in IBS/IBD</i>	<i>Transformative New Technologies For Neurogastroenterology</i>

	<i>Chairs: Lin Chang &amp; Nick Talley</i>	<i>Chairs: Patrick Hughes &amp; Oh Young Lee</i>	<i>Chairs: Andrea Harrington &amp; Simona Carbone</i>
11:00 – 12:30	Psychological treatment for intervention in functional disorders <b>Gerald Holtmann</b> (Australia)	Interaction between the ENS and the intestinal epithelium during inflammation <b>Jill Hoffmann</b> (USA)	Organoids and beyond: Integrated models for Neurogastroenterology. <b>Maxime Mahe</b> (France)
	FODMAP dietary strategy <b>Peter Gibson</b> (Australia)	Consequences of intestinal inflammation on GI-Physiology <b>Hyojin Park</b> (Korea)	Novel methods for studying vagal sensory neurons <b>Will De Lartigue</b> (USA)
	Pharmacological treatments for Functional disorders <b>Jan Tack</b> (Belgium)		Use of epigenetics and optogenetics in Neurogastroenterology <b>Beverley Greenwood-Van Meerveld</b> (USA)
	Antibiotics in Functional Disorders <b>Uday Ghoshal</b> (India)		
12:30 – 13:30	Lunch Break		
<i>Concurrent sessions</i>	<i>Functional Oesophageal Disorders</i>	<i>Epithelial Barrier &amp; Gut Dysfunction</i>	<i>Visceral Sensation/ Pain &amp; The New Molecular Targets</i>
	<i>Chairs: Geoff Kohn &amp; André Smout</i>	<i>Chairs: Guy Boeckxstaens &amp; David Grundy</i>	<i>Chairs: Simon Brookes &amp; Nathalie Vergnolle</i>
13:30	Esophageal Pain-Current State of Art <b>Ravinder Mittal</b> (USA)	From infected to irritable bowel: a barrier dysfunction problem? <b>Madhu Grover</b> (USA)	Modulation of colonic afferents by luminal factors <b>Steve Vanner</b> (Canada)
	The role of provocative testing in routine high resolution manometry, is it necessary? <b>Daphne Ang</b> (Singapore)	Intestinal epithelium, gatekeeper for IBS?" <b>Kok Ann Gwee</b> (Singapore)	Molecular targets in visceral nociceptors <b>Stuart Brierley</b> (Australia)
15:00	Afternoon Break		
<i>Concurrent sessions</i>	<i>Interactive Discussion Panel: Difficult Clinical Cases Of Motility Disorders</i>	<i>Functional Dyspepsia</i>	<i>Gut-Brain Axis</i>
	<i>Chairs: Maura Corsetti &amp; Magnus Simren</i>	<i>Chairs: Myung Gyu Choi &amp; Gerald Holtmann</i>	<i>Chairs: Beverley Greenwood-Van Meerveld &amp; Stuart Brierley</i>
15:20	Absent contractility after fundoplication": It could be recovery? <b>Albis Hani</b> (Colombia)	Duodenal Pathophysiology <b>Hiroto Miwa</b> (Japan)	Role of central vagal circuits in gut motility in health and disease <b>Kirsteen Browning</b> (USA)

	Can Esophageal Motor Disorders change over time? <b>Claudia Defilippi</b> (Chile)	Dietary Therapies in Functional Dyspepsia <b>Victoria Tan</b> (Hong Kong)	A new approach to decoding the gut-brain axis <b>Nick Spencer</b> (Australia)
	An Intractable Case of Dyspepsia <b>Joon Seong Lee</b> (Korea)		
	Actionable bio markers in FGID <b>Michael Camilleri</b> (USA)		
16:45	Break		
<i>Concurrent sessions</i>	<i>Advances in GI Imaging</i>	<i>Control of GI Smooth Muscle</i>	<i>Great Late-Breaking Abstracts</i>
	<i>Chairs: Trygve Hausken &amp; Karen Jones</i>	<i>Chairs: Joel Bornstein &amp; Simon Gibbons</i>	<i>Chairs: Ulrikke Voss &amp; Nathalie Rommel</i>
17:00	Developments in imaging the gut using nuclear medicine <b>Prab Takhar</b> (Australia)	Control of intestinal and colonic motility by the super-network of ICC, smooth muscle and nerves <b>Jan Huizinga</b> (Canada)	
	Advances in ultrasound technology for improved GI imaging <b>Odd-Helge Gilja</b> (Norway)	Ca <sup>2+</sup> signaling in interstitial cells provide fundamental regulation of motility <b>Kenton Sanders</b> (USA)	
	fMRI-based biomarkers for (visceral) pain perception: one or many? <b>Lukas van Oudenhove</b> (Belgium)		
19:00	<b>Conference Dinner</b> "A taste of South Australia: Outside function at the Adelaide Convention Centre"		

## Saturday 28th March 2020

7:00 – 8:30	<i>Advances in Pharmacological and Non-Pharmacological Treatments of Constipation.</i>		<i>Rome Foundation Interactive Symposium On Disorders Of Gut Brain Interaction: What To Do And How To Do It</i>
	<i>Chairs: Geoff Hebbard &amp; Xiaohua Hou</i>		<i>Chair: Douglas A. Drossman MD, John Kellow</i> Lin Chang (USA), Jan Tack (Belgium), Johannah Ruddy (USA),

7:30	Evaluation and Pharmacological Advances in Treatment of Constipation <b>Satish Rao</b> (USA)	Curriculum Survey Results on NGM <b>Dr. Y Prakash</b> (USA)	Case based Learning of DGBI
	Management of Chronic Constipation <b>Sutep Gonlachanvit</b> (Thailand)		Communication Skills: It's not only what you do but how you do it that makes the difference
	Non-pharmacological treatments for constipation <b>Zhihui Huang</b> (China)		
<i>Concurrent sessions</i>	<i>Diabetes, Gastroparesis, Transit &amp; The Gut</i>	<i>Enteropathies</i>	<i>Glial Cells In The Gut</i>
	<i>Chairs: Michael Horowitz &amp; Christine Feinle-Bisset</i>	<i>Chairs: Kulmira Nurgali &amp; Raquel Abalo</i>	<i>Chairs: Michel Neunlist &amp; Marlene Hao</i>
8:30	<b>Jay Pasricha</b> (USA)	Enteric Neuromuscular Disease: lessons from early life <b>Nikhil Thapar</b> (UK)	Modulation of enteric circuits and intestinal immune responses by enteric glia <b>Brian Gulbransen</b> (USA)
	Finding Gastroparesis in the East <b>Kewin Siah</b> (Singapore)	Novel insights on human enteric neuropathies <b>Roberto De Giorgio</b> (Italy)	The enteric neuron-glia liaison <b>Werend Boesmans</b> (Belgium)
10:30	Morning Break		
<b>Symposium 3</b>	<b>Neurogastroenterology and the Microbiome</b>		
	<i>Chairs: Geraint Rogers &amp; Helen Raybould</i>		
11:00	Fecal Microbiota Transplantation <b>Sam Costello</b> (Australia)		
	The Microbiome In Functional Disorders <b>Premysl Bercik</b> (Canada)		
	Psychobiotics <b>John Cryan</b> (Ireland)		
12:30	<b>Conference Close</b>		

