



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 Professor Robin Warren, (Australia) Nobel Laureate Discovery of H-Pylori in Peptic Ulcer Disease
17:45	Life Time Achievement Award
18:00	Welcome Reception

Thursday 26th March 2020

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

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

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 & Rachel Gibson (Australia)</i>	<i>Chairs: Pieter Vanden Berghe & Catia Sternini</i>	<i>Chairs: Simona Carbone & Luke Grundy</i>
	NDGR4- When Tumours Get Nervous Veerle Melotte (Netherlands)		
	Nerve signalling in gastric cancer Yoku Hayakawa (Japan))		
Symposium 2	Mechanisms in Functional GI disorders		
	<i>Chairs: Michael Camilleri (USA) & Kwang Jae Lee (Korea)</i>		
8:30	New clinical perspectives in FGIDs Nick Talley (Australia)		
	Efferent pathways in FGIDs Guy Boeckxstaens (Belgium)		
	Role of the gut-brain axis in FGIDS Lin Chang (USA)		
	Neuro-immune effects on sensation in FGIDs Nathalie Vergnolle (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 & Nick Talley</i>	<i>Chairs: Patrick Hughes & Oh Young Lee</i>	<i>Chairs: Andrea Harrington & Simona Carbone</i>
11:00 – 12:30	Gerald Holtmann (Australia)	Interaction between the ENS and the intestinal epithelium during inflammation Jill Hoffmann (USA)	Organoids and beyond: Integrated models for Neurogastroenterology. Maxime Mahe (France)
	FODMAP dietary strategy Peter Gibson (Australia)	Consequences of intestinal inflammation on GI-Physiology Hyojin Park (Korea)	Novel methods for studying vagal sensory neurons Will De Lartigue (USA)
	Pharmacological treatments for Functional disorders Jan Tack (Belgium)		Use of epigenetics and optogenetics in Neurogastroenterology Beverley Greenwood-Van Meerveld (USA)
	Antibiotics in Functional Disorders Uday Ghoshal (India)		
12:30 – 13:30	Lunch Break		
<i>Concurrent sessions</i>	<i>Functional Oesophageal Disorders</i>	<i>Epithelial Barrier & Gut Dysfunction</i>	<i>Visceral Sensation/ Pain & The New Molecular Targets</i>
	<i>Chairs: Geoff Kohn & André Smout</i>	<i>Chairs: Guy Boeckxstaens & David Grundy</i>	<i>Chairs: Simon Brookes & Nathalie Vergnolle</i>
13:30	Esophageal Pain-Current State of Art Ravinder Mittal (USA)	Madhu Grover (USA)	Modulation of colonic afferents by luminal factors Steve Vanner (Canada)
	The role of provocative testing in routine high resolution manometry, is it necessary? Daphne Ang (Singapore)	Kok Ann Gwee (Singapore)	Molecular targets in visceral nociceptors Stuart Brierley (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 & Magnus Simren</i>	<i>Chairs: Myung Gyu Choi & Lesley Houghton</i>	<i>Chairs: Beverley Greenwood-Van Meerveld & Stuart Brierley</i>
15:20	Albis Hani (Colombia)	Duodenal Pathophysiology Hiroto Miwa (Japan)	Role of central vagal circuits in gut motility in health and disease Kirsteen Browning (USA)

	Claudia Defilippi (Chile)	Dietary Therapies in Functional Dyspepsia Victoria Tan (Hong Kong)	A new approach to decoding the gut-brain axis Nick Spencer (Australia)
	An Intractable Case of Dyspepsia Joon Seong Lee (Korea)		
	Actionable bio markers in FGID Michael Camilleri (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 & Karen Jones</i>	<i>Chairs: Joel Bornstein & Simon Gibbons</i>	<i>Chairs: Ulrikke Voss & Nathalie Rommel</i>
	Prab Takhar (Australia)	Jan Huizinga (Canada)	
17:00	Odd-Helge Gilja (Norway)	Ca ²⁺ signaling in interstitial cells provide fundamental regulation of motility Kenton Sanders (USA)	
	Lukas van Oudenhove (Belgium)		
19:00	Conference Dinner "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 & Xiaohua Hou</i>		<i>Chair: Douglas A. Drossman MD</i>
7:30	Evaluation and Pharmacological Advances in Treatment of Constipation Satish Rao (USA)	Curriculum Survey Results on NGM Dr. Y Prakash (USA)	Lin Chang (USA)

	Management of Chronic Constipation Sutep Gonlachanvit (Thailand)		Jan Tack (Belgium)
	Zhihui Huang (China)		Johannah Ruddy (USA)
Concurrent sessions	<i>Diabetes, Gastroparesis, Transit & The Gut</i>	<i>Enteropathies</i>	<i>Glial Cells In The Gut</i>
	<i>Chairs: Michael Horowitz & Christine Feinle-Bisset</i>	<i>Chairs: Kulmira Nurgali & Raquel Abalo</i>	<i>Chairs: Michel Neunlist & Marlene Hao</i>
8:30	Jay Pasricha (USA)	Nikhil Thapar (UK)	Brian Gulbransen (USA)
	Kewin Siah (Singapore)	Novel insights on human enteric neuropathies Roberto De Giorgio (Italy)	Werend Boesmans (Belgium)
10:30	Morning Break		
Symposium 3	Neurogastroenterology and the Microbiome		
	<i>Chairs: Geraint Rogers & Helen Raybould</i>		
11:00	Fecal Microbiota Transplantation Sam Costello (Australia)		
	The Microbiome In Functional Disorders Premysl Bercik (Canada)		
	Psychobiotics John Cryan (Ireland)		
12:30	Conference Close		