

Visceral Pain Satellite meeting of FNM2020

Launches Sunday, 18th April 2021, on the FNM Virtual Conference Portal: fnm2020.com

Organised by Stuart Brierley & Nick Spencer

Stuart Brierley & Nick Spencer	Welcome to the Visceral Pain satellite
Stuart Brierley, with Mike Shetzline and Cristina Almansa	Guanylate Cyclase-C (GC-C) agonist role in the inhibition of visceral pain: Learnings from the past decade
Lin Chang	Role of Early Life Adversity in Irritable Bowel Syndrome
Gerald Holtmann	Healthcare Utilization Patterns in Highly prevalent GI Disorders: What is the Role of the Intensity of GI Symptoms?
Guy Boeckxstaens	RvD2 as potential new therapeutic target for the treatment of visceral hypersensitivity in IBS
Brian Davis	Why is sensory innervation in the colon so complicated?
Andrea Harrington	Translating colonic afferent peripheral sensitivity into the spinal cord dorsal horn
Patrick Hughes	T cells selectively sensitize low threshold colo-rectal sensory afferent mechanosensitivity in a humanized model of viscerosensory neuro-immune interactions
Julie Christianson	Voluntary wheel running improves outcomes in an early life stress-induced model of chronic urogenital pain in mice
Bin Feng	The biomechanics and mechanotransduction in visceral nociception
Natalie Vergnolle	Thrombin, PAR1 and Visceral Pain in IBD
Nicolas Cenac	Impact of prenatal stress on visceral sensitivity and intestinal homeostasis in adulthood
Christophe Altier	Spinal Neuro-Immune Signaling in Visceral Pain
Stephen Vanner	A fentanyl analogue that activates u-opioid receptors in acidified tissues inhibits colitis pain without opioid side effects
David Bulmer	Visceral Nociception in GI disease
Luke Grundy	Mechanisms of bladder sensation
Joel Castro	A Novel Approach to Prevent Pain Arising from the Female Reproductive Tract
John Cryan	Microbiome as a Key Regulator of Visceral Pain: Implications for Irritable Bowel Syndrome
Dervla O'Malley	Elucidating the Physiological Mechanisms Underlying Visceral Afferent Signalling
Jay Pasricha	A Novel Peripherally Restricted GABA-A Positive Allosteric Modulator Shows Efficacy in a Model of Irritable Bowel Syndrome
Muriel Larauche	Stress-induced visceral analgesia (SIVA): concept and pathways
James Bayrer	Regulating Gut Sensory Epithelium and Visceral Pain
Kelsi Dodds	Spinal afferent innervation of the mouse uterus
Janet Keast	Following the peripheral trajectories of sacral visceral afferents: tricks and traps
Sarah Najjar	Optogenetic inhibition of colon epithelium reduces hypersensitivity in a mouse model of inflammatory bowel disease
Tijs Louwies	Epigenetic regulation of stress-induced visceral pain
Stuart Mazzone	Airway nociceptors: Circuitry, neuroinflammation and the problem of chronic cough
Marie-Eve Paguet	Tools for optogenetic probing of nociceptive pathways - Delivery using viral vectors
Yves De Koninck	Tools for optogenetic probing of nociceptive pathways; Monitoring activity
Tian Yuan	"Mechanisms of Chronic Stress-Induced Neural Plasticity: Role of Supraspinal Microglia"
David Grundy	Signalling in the Gut

