

## Poster Session Area

Poster Session 14:00–14:40

- 2P-1** Retention esophagitis is associated with overexpression of p53 which is a predictor for progression to malignancy  
Jae Hwang Cha (Gangnam Severance Hospital, Yonsei University College of Medicine, Korea)
- 2P-2** The effect of DA-9701 on esophageal motor function in a feline model  
Hee Kyong Na (Ulsan College of Medicine, Asan Medical Center, Korea)
- 2P-3** Esophageal epithelial integrity after but not before perfusion is associated with perception scores in healthy volunteers  
Ricard Farré (Translational Research Center for GI Disorders, KU Leuven, Belgium/Centro de Investigación Biomédica en Red de Enfermedades Hepáticas y Digestivas, (Ciberehd), Instituto de Salud Carlos III, Spain)
- 2P-4** Role of esophageal microbiome in the development of esophageal adenocarcinoma in a rat model  
Akinari Sawada (Osaka City University Graduate School of Medicine, Japan)
- 2P-5** Nitric oxide synthase 1 (NOS1) regulates body weight gain following dietary restriction  
Yujiro Hayashi (Mayo Clinic, College of Medicine, USA)
- 2P-6** A mechanosensitive ion channel, TRPV4-methylation silencing in gastric epithelium  
Hiroshi Mihara (University of Toyama, Japan)
- 2P-7** Mechanisms of PTHrP-induced suppression of gastric smooth muscle contractility in the guinea pig stomach  
Hideomi Ohguchi (Nagoya City University, Japan)
- 2P-8** Influence of food intake on the pharmacological action of the Kampo medicine rikkunshito  
Miwa Nahata (Tsumura & Co., Japan)
- 2P-9** Automatic stomach: a model to describe the association of autonomic functions with gastric motility in children with functional abdominal pain  
Amaranath Karunanayake (University of Ruhuna, Sri Lanka)
- 2P-10** Impact of early life events (ELE) and family dynamics for developments of abdominal pain predominate functional gastrointestinal disorders (AP-FGIDs) in 5-12 age group  
Amaranath Karunanayake (University of Ruhuna, Sri Lanka)
- 2P-11** *Helicobacter pylori* VacA inhibits food intake and induces anxiety-like behavior through interactions with urocortin 1 and CRF receptors in mice  
Koji Ataka (Kagoshima University Graduate School of Medical and Dental Sciences, Japan)

- 2P-12**      **Jejunum neuropathy induced by dexamethasone during gestation**  
 Fatima M. Ramalhosa (Life and Health Sciences Research Institute, School of Health Sciences, University of Minho, Portugal/Life and Health Sciences Research Institute/Biomaterials, Biodegradables and Biometrics Associate Laboratory, Braga/Guimarães, Portugal)
- 2P-13**      **Evaluation of small intestine motility measurements using an ileus tube**  
 Shinji Hosokawa (Akita University, Japan)
- 2P-14**      **Assessment of duodeno/jejunal baseline impedance as an evaluation of mucosal integrity in patients with functional dyspepsia. Importance of timing of measurement relative to phase III of the MMC**  
 Kenichiro Nakagawa (Barts and The London School of Medicine and Dentistry, UK)
- 2P-15**      **Disruption of small intestinal mucosa might associate to gastrointestinal disorder in a patient with autism spectrum disorder**  
 Atsuo Maemoto (Sapporo Higashi Tokushukai Hospital, Japan)
- 2P-16**      **Efficacy of percutaneous endoscopic gastro-jejunostomy (PEG-J) decompression therapy for patients with chronic intestinal pseudo-obstruction (CIPO)**  
 Hidenori Ohkubo (Yokohama City University School of Medicine, Japan)
- 2P-17**      **Ghrelin acts in the brain to induce an antinociceptive action against colonic dissension in rats**  
 Toshikatsu Okumura (Asahikawa Medical University, Japan)
- 2P-18**      **Visceral antinociception by brain orexin through central opioid, dopaminergic or adenosinergic signaling pathway in rats**  
 Toshikatsu Okumura (Asahikawa Medical University, Japan)
- 2P-19**      **The impact of colitis on gut motility**  
 Fatima M. Ramalhosa (Life and Health Sciences Research Institute (ICVS), University of Minho, Braga, Portugal/ICVS/3B's - PT Government Associate Laboratory, Braga/Guimarães, Portugal)
- 2P-20**      **Prenatal administration of dexamethasone induces colonic dysmotility**  
 Fatima M. Ramalhosa (Life and Health Sciences Research Institute, School of Health Sciences, University of Minho/Life and Health Sciences Research Institute/Biomaterials, Biodegradables and Biometrics Associate Laboratory, Braga/Guimarães, Portugal)
- 2P-21**      **Gender- and age- related differences of the tachykinin NK2 receptor in the human colon, and alterations in diverticulitis disease**  
 Stelina Drimousis (School of Medical Sciences, UNSW Australia, Australia)
- 2P-22**      **Effects of intravenous CGRP on colonic motility in conscious dogs**  
 Tomoyuki Ono (Tohoku University School of Medicine, Japan)

- 2P-23** Interaction between enteric glia and mast cell via protease activated receptor-2 is possibly involved in the pathogenesis of irritable bowel syndrome  
Yoshiko Fujikawa (Osaka Medical College, Japan)
- 2P-24** Lactobacillus lactis subsp. Cremoris YM0507 ameliorated 5-hydroxytryptophan-induced visceral hypersensitivity in rats  
Yenpo Wang (Institute of Brain Science, National Yang-Ming University, Taiwan)
- 2P-25** Water avoidance stress induces visceral hyposensitivity through peripheral corticotropin releasing factor receptor type 2 and central dopamine D2 receptor in rats  
Tsukasa Nozu (Asahikawa Medical University, Japan)
- 2P-29** Effect of gut microbiota on Reg IIIr expression in relation to intestinal immunity  
Xin Xu (Hyogo College of Medicine, Japan)
- 2P-30** Breath methane and rectocele in constipated patients  
Chang-Nyol Paik (St. Vincent's Hospital, College of Medicine, The Catholic University of Korea, Korea)
- 2P-31** Sleep disturbances in Japanese patients with inflammatory bowel disease and their impact on disease flare  
Risa Uemura (Osaka City University Graduate School of Medicine, Japan)
- 2P-32** Clinical and physiologic characteristics and difference of pelvic floor dysfunction in Korean female population according to parity and mode of delivery  
Hyunun Cho (Hwamyeong Jangsiwon Hospital, Korea)
- 2P-33** Food-specific serum IgG4 titers to common food antigens  
Kwang Jae Lee (Ajou University School of Medicine, Korea)
- 2P-34** The increased level of depression and anxiety in irritable bowel syndrome patients compared with healthy controls: Systematic review and meta-analysis  
Changhyun Lee (Healthcare System Gangnam Center, Seoul National University Hospital/Brain-Gut Axis Research Group of Korean Society of Neurogastroenterology and Motility, Korea)
- 2P-35** Association between the incidence of concomitant psychogenic chronic lower back pain in patients with chronic constipation and quality of life  
Shoko Nakagawa (Aichi Medical University, Japan)
- 2P-36** Current status of clinical use of lubiprostone in Japanese single institute  
Takatsugu Yamamoto (Teikyo University School of Medicine, Japan)

- 2P-37** Clinical factors associated with intestinal transit time of colon capsule endoscopy  
Konosuke Nakaji (Endoscopy Center, Aishinkai Nakae Hospital, Japan)
- 2P-38** Association between adverse life events, child abuse and irritable bowel syndrome  
Shaman Rajindrajith (University of Kelaniya, Sri Lanka)
- 2P-39** Epidemiology and clinical profiling of constipation predominant irritable bowel syndrome in India  
Ramesh Rooprai (Rai Specialty Care Centre, India)
- 2P-40** A prospective observational study to evaluate stool type and frequency in constipation patients  
Vishal Akude (Kims Hospital, India)
- 2P-41** Biofeedback therapy for patients with pelvic floor dyssynergia  
Nitesh Pratap (Kims Hospital, India)
- 2P-42** Sexual abuse is associated with an abnormal psychological profile and sleep difficulty in patients with irritable bowel syndrome in Taiwan  
Hsing-Feng Lee (Dalin Tzu Chi Hospital, Buddhist Tzu Chi Foundation, Taiwan)
- 2P-43** Outcome of customized biofeedback therapy (BT) protocol for dyssynergic defecation (DD) based on individual physiologic problem of defecation.  
Tanisa Patcharatrakul (King Chulalongkorn Memorial Hospital/GI Motility Research Unit, Chulalongkorn University, Thailand)
- 2P-44** Rome III vs. Rome IV criteria for irritable bowel syndrome (IBS) diagnosis in clinical practice: Is the newer the better?  
Tanisa Patcharatrakul (King Chulalongkorn Memorial Hospital, Thailand/GI Motility Research Unit, Chulalongkorn University)
- 2P-45** The influence of colorectal ESD on abdominal symptoms  
Jun Arimoto (Yokohama City University School of Medicine, Japan)
- 2P-46** Chromogranin A cell density in the large intestine in Asian vs. European Patients with Irritable bowel syndrome (IBS) and healthy controls  
Tanisa Patcharatrakul (King Chulalongkorn Memorial Hospital/GI Motility Research Unit, Chulalongkorn University, Thailand)
- 2P-47** Efficacy and safety of wheat bran in treatment of functional constipation in the late middle-aged and elderly patients- a multicenter randomized controlled clinical trial  
Xiucan Fang (Peking Union Medical College Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, China)

- 2P-48**      **Anorectal function and its influencing factors in patients with mid and low rectal cancer after surgery --a prospective study**  
Xiucui Fang (Peking Union Medical College Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, China)
- 2P-49**      **Food Allergy in the patients with diarrhea dominant irritable bowel syndrome (IBS-D)**  
Ryo Katsumata (Kawasaki Medical School, Japan)
- 2P-50**      **The consistency of constipation symptoms and anorectal motility parameters in elderly patients with functional constipation**  
Zhifeng Wang (Peking Union Medical College Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, China)
- 2P-51**      **Can we predict the presence of colonic bubbles with bowel symptoms during colonoscopy?**  
Jeong Eun Shin (Dankook University College of Medicine, Korea)
- 2P-52**      **Stercoral ulcer and colonic perforation in a Parkinson's disease patient with constipation**  
Ryuji Sakakibara (Sakura Medical Center, Toho University, Japan)
- 2P-53**      **The efficacy of traditional Japanese medicine "keishikasyakuyakuto" for irritable bowel syndrome: Feasible study**  
Akiko Fuyuki (Yokohama City University, Japan)
- 2P-54**      **Non-sedative colonoscopy and ct colonography (CTC) reveal pathophysiological mechanism of functional bowel diseases in Japan**  
Takeshi Mizukami (NHO Kurihama Medical and Addiction Center, Japan)
- 2P-55**      **The association between colonic diverticulosis and irritable bowel syndrome in Taiwanese population**  
Ting-Hsu Liu (Taipei Hospital, Ministry of Health and Welfare, Taiwan)
- 2P-62**      **Association between brain-gut peptide polymorphisms and irritable bowel syndrome**  
Toshimi Chiba (Iwate Medical University, Japan)
- 2P-63**      **The relationship between gut microbiota and brain morphology in irritable bowel syndrome**  
Tomohiko Muratsubaki (Tohoku University Graduate School of Medicine, Japan)
- 2P-65**      **Positive rate, risk factors and characteristics comparison between Rome III & Rome IV IBS in Chinese freshmen: a population based cross sectional study**  
Tao Bai (Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, China)

- 2P-66** Risk factors associated with irritable bowel syndrome with constipation: Further analyses using a large population-based Internet survey in Japan  
Ryoichiro Kondo (Tohoku University School of Medicine, Japan)
- 2P-67** Combination of mepenzolate bromide and polycarbophil calcium against irritable bowel syndrome  
Masashi Matsushima (Tokai University School of Medicine, Japan)
- 2P-68** Desensitization of the human motilin receptor by motilin and motilides  
Bunzo Matsuura (Ehime University Graduate School of Medicine, Japan)
- 2P-69** High fat diet affects differently on stress responses according to sex in rat  
Yong Sung Kim (Wonkwang University, Korea)
- 2P-70** The mechanism of gender difference in the orexigenic effects of rikkunshito  
Chihiro Yamada (Tsumura Research Laboratories, Tsumura & Co., Japan)
- 2P-71** Psychological stress in aged female mice causes acute hypophagia independent of central 5-HT<sub>2c</sub>R activation  
Tomohisa Hattori (Tsumura Research Laboratories, Tsumura & Co., Japan)
- 2P-72** Brain activations during the rectal balloon distention in patients with irritable bowel syndrome with diarrhea in different episodic symptom status  
Xiucai Fang (Peking Union Medical College Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, China)
- 2P-73** Role of food born mycobacterial antigens in human immunological diseases  
Eiichi Momotani (Tohto College of Health Sciences, Japan)
- 2P-74** The study on the autonomic nerve activity after meal intake in the daily life  
Natsuki Nakayama (Nagoya University, Japan)
- 2P-75** Intestinal symptoms are major predictors of healthcare seeking behaviors and satisfaction to medical care in patients with irritable bowel syndrome  
Wenjuan Fan (Peking Union Medical College Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, China)
- 2P-76** Relationship between overactive bladder and irritable bowel syndrome: a large-scale internet survey in Japan using the overactive bladder symptom score and Rome III criteria  
Seiji Matsumoto (Clinical Research Support Center, Asahikawa Medical University Hospital, Japan)
- 2P-77** Association between *Clostridium difficile* infection and acid suppression: A systematic review and meta-analysis  
Liping Wu (Hyogo College of Medicine, Japan)

- 2P-78**      **Stress and stress-related peptide amplify the anorexic actions of cholecystokinin**  
Naomi Yamaguchi (Saitama Medical Center-Saitama Medical University, Japan)
- 2P-79**      **The interactive effects between cholecystokinin (CCK) and peptide tyrosine-tyrosine (PYY) on gastric motility and food intake in rats**  
Eriko Hosomi (Saitama Medical Center-Saitama Medical University, Japan)