

Scientific Program

DAY1 Thursday, March 23, 2017

Room A

Sponsored Symposium 1 : Gut microbiota and GI diseases

Sponsored by Miyarisan Pharmaceutical Co., Ltd.

Moderators : Young-Tae Bak (Korea University Guro Hospital, Korea)

Toshiro Sugiyama (University of Toyama, Japan)

SS1-1 Gut microbiota and IBS: What is new?

9:00–9:15 Uday C. Ghoshal (Sanjay Gandhi Postgraduate Institute of Medical Sciences, India)

SS1-2 Role of the gut microbiome in chronic constipation

9:15–9:30 William D. Chey (University of Michigan Health System, USA)

SS1-3 Gut microbiota and esophageal disease

9:30–9:45 Yasuhiro Fujiwara (Osaka City University Graduate School of Medicine, Japan)

SS1-4 Gut microbiota and obesity

9:45–10:00 Ikuo Kimura (Tokyo University of Agriculture and Technology, Japan)

Topic Symposium 1 : Current topics of intestinal disorders

Moderators : Ari Fahrial Syam (University of Indonesia, Indonesia)

Takashi Joh (Nagoya City University Graduate School of Medical Sciences, Japan)

TS1-1 Mechanism of stress-induced visceral pain

10:00–10:20 Beverley Greenwood-Van Meerveld (University of Oklahoma, USA)

TS1-2 Identification of the gene for chronic nonspecific multiple ulcers of small intestine

10:20–10:40 Takayuki Matsumoto (Iwate Medical University, Japan)

TS1-3 New mechanisms of reflux esophagitis

10:40–11:00 Rhonda F. Souza (Center for Esophageal Diseases, Baylor University Medical Center at Dallas and the Center for Esophageal Research, Baylor Scott and White Research Institute, USA)

ANMA-JSNM Symposium : Multicultural aspect of FGIDs in the East and the West

Moderators : Andrew Chua Seng Boon (Gastro Centre Ipoh, Malaysia)

Michio Hongo (Tohoku University and Kurokawa General Hospital, Japan)

SY1-1 Multicultural factors in global integrative research on the FGIDs

11:00–11:20 Ami D. Sperber (Ben-Gurion University of the Negev, Israel)

- SY1-2** Differences in FD between the East and the West
11:20–11:40 Sanjiv Mahadeva (University of Malaya, Malaysia)
- SY1-3** Global and regional perspective in irritable bowel syndrome
11:40–12:00 Shin Fukudo (Tohoku University Graduate School of Medicine, Japan)
- SY1-4** Culture based symptom assessment for FGIDs
12:00–12:20 Xiucan Fang (Peking Union Medical College Hospital, China)
- SY1-5** Asian perspective of FGID – a Rome foundation Asian working team report
12:20–12:40 Kok-Ann Gwee (National University of Singapore, Singapore)

Luncheon Seminar 1 : New concept of management of chronic constipation
Sponsored by Astellas Pharma Inc.

Moderator : Tetsuya Mine (Tokai University, Japan)

- LS1-1** Innovative approaches to the treatment of chronic constipation
12:50–13:20 Ami D. Sperber (Ben-Gurion University of the Negev, Israel)
- LS1-2** New pharmacological treatment for constipation
13:20–13:50 Atsushi Nakajima (Yokohama City University School of Medicine, Japan)

Rome IV Symposium : What clinicians and researchers need to know in Rome IV?

Moderators : Shin Fukudo (Tohoku University Graduate School of Medicine, Japan)
Uday C. Ghoshal (Sanjay Gandhi Postgraduate Institute of Medical Sciences, India)

- SY2-1** Introduction and overview of Rome IV ANMA & JSNM Joint meeting 2017
14:30–14:54 Douglas A. Drossman (UNC Center for Functional GI and Motility Disorders, USA)
- SY2-2** What clinicians and researchers need to know in Rome IV – Esophageal disorders
14:54–15:16 Ronnie Fass (Case Western Reserve University, Division of Gastroenterology and Hepatology, Esophageal and Swallowing Center MetroHealth Medical Center, USA)
- SY2-3** Rome IV symposium: Gastroduodenal disorders
15:16–15:38 Nicholas J. Talley (University of Newcastle, Australia)
- SY2-4** Rome IV: Bowel disorders
15:38–16:00 William D. Chey (University of Michigan Health System, USA)

Sponsored Symposium 2 : IBS and related disorders Sponsored by EA Pharma Co., Ltd.

Moderators : Hyojin Park (Yonsei University, Korea)
Seiji Futagami (Nippon Medical School, Japan)

- SS2-1** Aggravating factors of IBS
16:00–16:18 Motoyori Kanazawa (Tohoku University Graduate School of Medicine, Japan)

- SS2-2** **Post-Infectious IBS**
16:18–16:36 Giovanni Barbara (University of Bologna, Italy)
- SS2-3** **Psychosomatic medical approach for IBS**
16:36–16:54 Hiroshi Kaneko (Hoshigaoka Maternity Hospital, Japan)
- SS2-4** **Irritable bowel syndrome–constipation and functional constipation**
16:54–17:12 Philip Abraham (P D Hinduja Hospital and Hinduja Healthcare Surgical, India)
- SS2-5** **Treatment of refractory constipation**
17:12–17:30 Suck Chei Choi (Wonkwang University Hospital, Digestive Disease Research Institute, Korea)

Room B

Plenary Abstract 1

Moderators : Tatsuhiro Masaoka (Keio University School of Medicine, Japan)
 Victoria Tan (University of Hong Kong, Hong Kong)

- PA1-1** **Activated eosinophils in the muscle layer of esophagus involved in the pathogenesis of achalasia**
9:00–9:15 Hong Jin (General Hospital of Tianjin Medical University, China)
- PA1-2** **Determination of proximal corpus as the most active and responsive site for motilin- and ghrelin-induced gastric contractions in suncus murinus stomach in vitro**
9:15–9:30 Amrita Dudani (Saitama University, Japan)
- PA1-3** **High vs low FODMAPs, Asian-style diet on GI symptoms and gas production in healthy and bloating subjects**
9:30–9:45 Monthira Maneerattapanorn (Siriraj Hospital, Mahidol University, Thailand)
- PA1-4** **Repeated water avoidance stress induces visceral hypersensitivity; role of IL-1, IL-6 and peripheral corticotropin-releasing factor**
9:45–10:00 Tsukasa Nozu (Asahikawa Medical University, Japan)

Free Paper 1

Moderators : Shaman Radindrajth (University of Kelaniya, Sri Lanka)
 Toshikatsu Okumura (Asahikawa Medical University, Japan)

- FP1-1** **Genome-wide transcriptome analysis shows no major difference between eosinophilic esophagitis and proton pump inhibitor-responsive esophageal eosinophilia**
10:10–10:20 Norihisa Ishimura (Shimane University School of Medicine, Japan)
- FP1-2** **Intragastric infusion of the bitter tastant quinine suppresses hormone release and antral motility during the fasting state in healthy volunteers**
10:20–10:30 Eveline Deloose (Translational Research Centre for Gastrointestinal Disorders, University of Leuven, Belgium)

- FP1-3** Mast cells introduce thymosin β -4 to develop visceral hypersensitivity
10:30–10:40 Yuanbiao Guo (Medical Research Center, The Third People's Hospital of Chengdu, China)
- FP1-4** The prevalence and clinical profile of abdominal pain predominant functional gastrointestinal disorders (AP-FGIDs) in 5-12 year olds in Sri Lanka
10:40–10:50 Amaranath Karunanayake (University of Ruhuna, Sri Lanka)
- FP1-5** Constipation patients with dyssynergic defecation on high resolution manometry and balloon expulsion testing have higher frequency of IBS symptoms than those with normal defecation patterns
10:50–11:00 Toyia N. James-Stevenson (Indiana University School of Medicine, USA)

Free Paper 2

Moderators : Ricard Farré (Translational Research Center for GI Disorders, KU Leuven, Belgium)
Yasuhiro Fujiwara (Osaka City University, Japan)

- FP2-1** Multi-positional high resolution manometry for evaluating esophageal motility disorders
11:10–11:20 Tatsuhiro Masaoka (Keio University School of Medicine, Japan)
- FP2-2** The efficacy of oral Zhizhu Kuanzhong, an herbal traditional chinese medicine, in patients with postprandial distress syndrome: a multicenter, randomized, double-blind, controlled clinical trial
11:20–11:30 Yinglian Xiao (The First Affiliated Hospital of Sun Yat-Sen University, China)
- FP2-3** Music therapy for elderly patients undergoing colonoscopy: A prospective randomized controlled trial
11:30–11:40 Sureeporn Jangsirikul (Chulalongkorn University, Thailand)
- FP2-4** Fusobacterium nucleatum can exacerbate visceral sensitivity and augment faecal IgA level in IBS
11:40–11:50 Lijin Song (Shandong University, China)
- FP2-5** The relationship between abdominal symptoms and psychological factors in adolescent irritable bowel syndrome
11:50–12:00 Yuka Endo (Tohoku University Hospital, Japan)

Luncheon Seminar 2 : Management of functional dyspepsia with prokinetics (Japanese) Sponsored by Zeria Pharmaceutical Co., Ltd.

Moderator : Kazuma Fujimoto (Saga Medical School, Japan)

- LS2-1** Treatment strategy for dyspepsia
12:50–13:20 Kazunari Tominaga (Osaka Medical College, Japan)
- LS2-2** Role of dysmotility in functional dyspepsia and efficacy of acotiamide
13:20–13:50 Toshihiko Tomita (Hyogo College of Medicine, Japan)

Free Paper 3

Moderators : Kunio Kasugai (Aichi Medical University, Japan)
Tsuyoshi Suzuki (Tohto College of Health Sciences, Japan)

- FP3-1** **The effect of dietary carbohydrate on gastroesophageal reflux disease**
14:30–14:40 Chih-Chien Yao (Kaohsiung Chang Gung Memorial Hospital, Taiwan)
- FP3-2** **Investigation of short-term efficacy of n-acetylcysteine for achalasia**
14:40–14:50 Bin Wang (General Hospital of Tianjin Medical University, China)
- FP3-3** **Severe delayed gastric emptying induces non-acid reflux up to proximal esophagus in neurologically impaired patients**
14:50–15:00 Shinji Ishii (Kurume University School of Medicine, Japan)
- FP3-4** **Expression of toll-like receptors (TLR-2, 4 and 5) and cytokines and chemokines (IL-6, CXCL-11, CXCR-3 and IL-10) in patients with Irritable bowel syndrome**
15:00–15:10 Ujjala Ghoshal (Sanjay Gandhi Postgraduate Institute of Medical Sciences, India)
- FP3-5** **Pictograms for gastrointestinal symptoms study: The influence of cultural interpretation**
15:10–15:20 Charles C. Herndon (Gail and Gerald Oppenheimer Family Center for Neurobiology of Stress and Resilience, department of Medicine, David Geffen School of Medicine, University of California at Los Angeles, USA)

ANMA-JSNM Symposium : Nerve-Gut Interaction Plenary

Moderators : Hidekazu Suzuki (Keio University School of Medicine, Japan)
Minhu Chen (The First Affiliated Hospital, Sun Yat-sen University, China)

- SY3-1** **Stress and stress-related peptide amplify the anorexic actions of cholecystokinin**
16:00–16:20 Koji Yakabi (Saitama Medical Center, Saitama Medical University, Japan)
- SY3-2** **Treatment of functional dyspepsia with psychotherapeutic drugs: A systematic review**
16:20–16:40 Mariko Hojo (Juntendo University School of Medicine, Japan)
- SY3-3** **Impact of orexin on the brain-gut axis**
16:40–17:00 Toshikatsu Okumura (Asahikawa Medical University, Japan)
- SY3-4** **Mapping of brain activations to rectal balloon-distension stimuli in male patients with irritable bowel syndrome using functional magnetic resonance imaging**
17:00–17:15 Arun Karyampudi (Sanjay Gandhi Postgraduate Institute of Medical Sciences, India)
- SY3-5** **Corticotropin-releasing factor (CRF) induced intestinal hypermotility was attenuated by intake of carotenoids via gut microbiota alteration**
17:15–17:30 Takaaki Murakami (Kyoto Prefectural University of Medicine, Japan)