



The 4th Japan & US Collaboration Conference in Gastroenterology

Wednesday, November 17, 2010

<18:00 - 19:00> **Satellite Meeting**

Chairperson: Dr. Takanori Kanai, Keio University School of Medicine, Japan

Educational Lecture

➤ **Genetic and nutritional modulation of intestinal tumorigenesis**

Dr. Leonard H. Augenlicht, Albert Einstein College of Medicine, USA

<19:00 - 21:00> **Welcome Reception**

Thursday, November 18, 2010

<8:00 - 8:10> **Opening Remarks**

Dr. Toshifumi Hibi, Keio University School of Medicine, Japan

<8:10 - 9:00>

Chairperson: Dr. Kazuhide Higuchi, Osaka Medical College, Japan

Special Lecture 1

➤ **Reflux –induced inflammation and the development of Barrett’s esophagus**

Dr. Rhonda F. Souza, University of Texas Southwestern Medical Center and Dallas VA Medical Center, USA

<9:00 - 9:45> **Oral Session - Basic Upper GI -**

Chairpersons: Dr. Toshio Sakiyama, Kagoshima University Graduate School of Medical and Dental Sciences, Japan

Dr. Peter J. Kahrilas, Northwestern University, USA

1. Association between common genetic variants in pre-microRNAs and gastro-duodenal diseases in central Japan

Dr. Masaaki Okubo, Fujita Health University School of Medicine, Japan

2. Activation of TRPA1 and p38 MAPK mediates gastric distention-induced visceral pain in rats

Dr. Takashi Kondo, Hyogo College of Medicine, Japan

3. MicroRNA modulation in *H. pylori* infected gastritis

Dr. Kayoko Matsushima, Nagasaki University, Japan

<9:45 - 10:30> Oral Session - Basic Lower GI -

Chairpersons: Dr. Hiroshi Nakase, Graduate School of Medicine, Kyoto University, Japan

Dr. Leonard H. Augenlicht, Albert Einstein College of Medicine, USA

1. Bach1 deficiency leads to the suppression of TNBS-induced colitis in mice

Dr. Akihito Harusato, Kyoto Prefectural University of Medicine, Japan

2. TNF α /NF κ B pathways in intestinal epithelial cells may be directly involved in colitis-associated carcinogenesis

Dr. Michio Onizawa, Tokyo Medical and Dental University Graduate School of Medicine, Japan

3. Possible role of activation-induced cytidine deaminase in ulcerative colitis-associated carcinogenesis

Dr. Masaki Gushima, Graduate School of Medical Sciences, Kyushu University, Japan

<10:30 - 10:45> Coffee Break

<10:45 - 11:15> Oral Session - Clinical -

Chairpersons: Dr. Takayuki Matsumoto, Kyushu University Graduate School of Medical Sciences, Japan

Dr. Sheila E. Crowe, University of Virginia, USA

1. [¹³C]-naproxen breath test as the predictor of naproxen-induced gastric mucosal injury

Dr. Chise Kodaira, Hamamatsu University School of Medicine, Japan

2. Clinical applications of Metabolomics in gastroenterological diseases

Dr. Tomoo Yoshie, Kobe University School of Medicine, Japan

<11:15 - 11:45> **Oral Session - Oncology -**

*Chairpersons: Dr. Hideki Iijima, Osaka University Graduate School of Medicine, Japan
Dr. Rhonda F. Souza, University of Texas Southwestern Medical Center and
Dallas VA Medical Center, USA*

1. **Role of ES cell-expressed Ras, ERas in tumorigenicity of gastric cancer**
Dr. Eiji Kubota, Nagoya City University Graduate School of Medical Sciences, Japan
2. **Nitric oxide involves cancer-specific hematoporphyrin derivatives accumulation via HCP-1 expression**
Dr. Kazuhiro Hiyama, University of TSUKUBA, Japan

<12:00 – 12:45> **Luncheon Seminar**

Chairperson: Dr. John M. Inadomi, University of Washington School of Medicine, USA

Special Lecture 2

- **High resolution esophageal pressure topography (EPT) as a clinical and research tool**
Dr. Peter J. Kahrilas, Northwestern University, USA

<12:45 - 13:00> **Coffee Break**

<13:00 - 13:45> **Counterpart Session I**

*Chairpersons: Dr. Yuji Naito, Kyoto Prefectural University of Medicine, Japan
Dr. Sheila E. Crowe, University of Virginia, USA*

- **The selective cyclooxygenase-2 inhibitor celecoxib activates the tumor suppressor *microRNA-29c* in human gastric cancer**
Dr. Yoshimasa Saito, Keio University School of Medicine, Japan
- **The putative tumor suppressor microRNA-101 modulates the cancer epigenome by repressing the polycomb group protein EZH2**
Dr. Gangning Liang, USC Keck School of Medicine, USA

<13:45 - 14:30> **Counterpart Session II**

Chairpersons: Dr. Ryuichi Okamoto, Tokyo Medical and Dental University

Dr. Averil I. Ma, University of California San Francisco, USA

- **Competition between colitogenic T helper 1 and 17 CD4⁺ T cells contributes to the amelioration of colitis**

Dr. Yohei Mikami, Keio University School of Medicine, Japan

- **Treg-IgA axis is dominant in maintenance of host immune homeostasis to microbiota**

Dr. Yingzi Cong, University of Texas Medical Branch, USA

<14:30 - 14:45> **Coffee Break**

<14:45 - 15:30> **Counterpart Session III**

Chairpersons: Dr. Hidekazu Suzuki, Keio University School of Medicine, Japan

Dr. John M. Inadomi, University of Washington School of Medicine, USA

- **Hypermethylation of let-7 promoter is involved in CagA-induced Ras upregulation in gastric epithelial cells**

Dr. Yoshito Hayashi, Osaka University Graduate School of Medicine, Japan

- **A novel pathway of oxidative stress and gastric carcinogenesis due to polyamine oxidation induced by *Helicobacter pylori*: Role of CagA**

Dr. Keith T. Wilson, Vanderbilt University School of Medicine, USA

<15:30 - 15:45> **Closing Remarks**

Dr. Eugene B. Chang, University of Chicago, USA

<15:45 - 17:45> **Farewell Reception**