

The 4th JCA-AACR Special Joint Conference Program

December 16 to 18, 2013 @Tokyo Bay Maihama Hotel Club Resort

| Date        | Time                                       | Session                                      | proposed chair person  | Title  | Speaker  |
|-------------|--|--|--|--|--|
| Dec. 16th   | 18:00-18:10                                | Welcome address                              |  |  |  |
|             | 18:10-19:30                                | Keynote lectures                             | Dr. Wang<br>Dr. Hatakeyama   | Gastric Stem Cells And The Origins Of Diffuse Gastric Cancer   | Dr.Timothy C. WANG (Columbia Univ. Medical Center )  |
|             |  |  |  | Role of <i>Helicobacter pylori</i> CagA in Gastric Carcinogenesis  | Dr. Masanori HATAKEYAMA (Univ. Tokyo)                |
| 20:00~      | Welcome party                              |  |  |  |  |
| Dec. 17th   | 8:30-10:00                                 | 1. <i>Helicobacter pylori</i>                | Dr. Whary<br>Dr. Chiba   | The Role of the Gastrointestinal Microbiome in <i>Helicobacter pylori</i> Pathogenesis   | Dr. Mark T. WHARY(MIT)                               |
|             |  |  |  | GWAS of diseases related with <i>Helicobacter pylori</i> infection   | Dr. Koichi MATSUDA (Univ. Tokyo)                     |
|             |  |  |  | Induction of Genetic Aberration during Gastric Cancer Development  | Dr. Tsutomu CHIBA (Kyoto Univ.)                      |
|             | 10:00-10:20                                | Break  |  |  |  |
|             | 10:20-11:50                                | 2. Inflammation/tumor microenvironment       | Dr. Mills<br>Dr. Oshima  | The role of COX-2/PGE2-induced inflammation in gastric cancer development  | Dr. Masanobu OSHIMA (Kanazawa Univ.)                 |
|             |  |  |  | Gastric atrophy: molecular mechanisms and cellular responses   | Dr. Jason C. MILLS (Washington Univ.)                |
|             |  |  |  | Epstein Barr Virus and Gastric Cancer  | Dr. Masashi FUKAYAMA (Univ. Tokyo)                   |
|             | 11:50-12:50                                | Lunch and poster view                        |  |  |  |
|             | 12:50-14:20                                | Poster presentation                          |  |  |  |
|             | 14:20-16:20                                | 3.Epigenetics & genetics and cancer genomics | Dr. Bass<br>Dr. Ushijima   | Genomics of Gastric Cancer   | Dr. Adam J. BASS (Dana-farber Cancer Inst. )         |
|             |  |  |  | Towards the Genetics and Genomics of Diffuse Gastric Cancer  | Dr. Hiromi SAKAMOTO (National Cancer Center)         |
|             |  |  |  | Induction of Aberrant DNA Methylation by <i>H. pylori</i> Infection, and Its Application to Cancer Risk Diagnosis and Prevention | Dr. Toshikazu USHIJIMA (National Cancer Center)      |
|             |  |  |  | Targeting Epigenetic Alterations in a Mouse Model of E-cadherin/p53-deficient Diffuse-type Gastric Cancer                        | Dr. Shu SHIMADA (Tokyo Medical and Dental Univ.)     |
| 16:20-16:40 | Break                                      |  |  |  |  |
| 16:40-17:40 | 4. Pathology and biomarkers(1)             | Dr. El-Omar<br>Dr. Yasui                     | Host Genetics of Gastric Cancer  | Dr. Emad EL-OMAR (Aberdeen Univ.)  |  |
|             |  |  | Regulation of Chief Cell Transdifferentiation into Spasmolytic Polypeptide-Expressing Metaplasia (CPM) | Dr. James R. GOLDENRING(Vanderbilt Univ.)  |  |
| 18:00-19:00 | Meet-the Expert Evening (all participants) |  |  |  |  |
| 19:30-21:30 | Banquet                                    |  |  |  |  |
| Dec. 18th   | 8:00-10:00                                 | 4.Pathology and biomarkers(2)                | Dr. Merchant<br>Dr. Ochiai   | Evaluation of Molecular Targets and Innovation of Individualized-Diagnosis of the Gastric Cancer                                 | Dr. Atsushi OCHIAI(National Cancer Center)           |
|             |  |  |  | Using Mouse Models of <i>Helicobacter</i> -infection to Identify Human Biomarkers of Gastric Cancer                              | Dr. Juanita L. MERCHANT(Univ. Michigan)              |
|             |  |  |  | Novel Biomarkers and Therapeutic Targets for Gastric Cancer  | Dr. Wataru YASUI(Hiroshima Univ.)                    |
|             |  |  |  | Molecular Mechanisms Responsible for Scirrhou Gastric Cancer and Novel Targeting Therapies                                       | Dr. Masakazu YASHIRO(Osaka City Univ.)               |
|             | 10:00-10:20                                | Break  |  |  |  |
|             | 10:20-11:50                                | 5.Cancer stem cells(1)                       | Dr. Samuelson<br>Dr. Saya  | Stomach Corpus Epithelial Stem Cells   | Dr. Yoshiaki ITO(National Univ. Singapore)           |
|             |  |  |  | Notch Pathway Regulation of Gastric Stem Cells   | Dr. Linda C. SAMUELSON(Univ. Michigan)               |
|             |  |  |  | Identification and Characterization of Gastric Cancer Stem Cells   | Dr. Hideshi ISHII(Osaka Univ.)                       |
|             | 11:50-12:50                                | Lunch and poster view                        |  |  |  |
|             | 12:50-13:50                                | 5. Cancer stem cells(2)                      | Dr. Wang<br>Dr. Ito  | Significance of CD44v expression in gastric cancer stem cells  | Dr. Hideyuki SAYA(Keio Univ.)                        |
|             |  |  |  | Escaped Autophagy of <i>H. pylori</i> -derived Oncoprotein CagA in Gastric Cancer Stem-like Cells                                | Dr. Hidekazu SUZUKI(Keio Univ.)                      |
|             | 13:50-14:20                                | 6. New anticancer agents(1)                  | Dr. Chen<br>Dr. Ohtsu  | New Anticancer Agent for Gastric Cancer  | Dr. Takako NAKAJIMA(St. Marianna Univ. Sch. of Med.) |
|             | 14:20-14:40                                | Break  |  |  |  |
| 14:40-16:10 | 6. New anticancer agents(2)                | Dr. Chen<br>Dr. Ohtsu                        | Novel Strategy for Control of Gastric Cancer: Surgical or Pharmacological Denervation                  | Dr.Duan CHEN(NTNU)   |  |
|             |  |  | Current Status of New Agent for Advanced Gastric Cancer  | Dr. Toshihiko DOI(National Cancer Center)  |  |
|             |  |  | Overview of new molecular targeting agents under development for gastric cancer                        | Dr. Atsushi OHTSU(National Cancer Center)  |  |
| 16:10-16:20 | Closing remarks                            |  |  |  |  |