

# TOKYO MEDICAL AND DENTAL UNIVERSITY (TMDU)



## International Summer Program 2009

### “Recent Advances in Cancer Research”

7th–9th September 2009, at the TMDU Campus

- Bringing together students and young scientists from Asia, to study fundamental and emerging topics with leading cancer research scientists
- Approximately 30 applicants from Asia, selected on a competitive basis, will have their travel and accommodation expenses, and registration fee, covered by the organizer

#### [PROGRAM]

#### I. INTRODUCTION & WELCOME RECEPTION (6<sup>th</sup> September, evening)

#### II. LECTURE COURSE (7<sup>th</sup> and 8<sup>th</sup> September)

##### 7<sup>th</sup> September

##### 1. Lecture Session

- **Dr. Charlotte Bevan** (Imperial College London, UK): Endocrine Approaches to Treating Hormone-dependent Cancer
- **Dr. Minetta C. Liu** (Georgetown University Hospital, USA): Molecular Diagnostics and Staging of Breast Cancer
- **Dr. Yasuhito Yuasa** (TMDU): Genetic and Epigenetic Involvement in Gastric Carcinogenesis
- **Dr. Masanobu Kitagawa** (TMDU): Pathological Approach for Cancer Research: Recent Advances in Morphological Analysis
- **Dr. Yoshio Miki** (TMDU): Large-scale Genomic Studies of Cancer Patients for Personalized Medicine
- **Dr. Yoshihiro Sasaki** (TMDU): Drug Delivery System for Cancer Therapy

##### 2. Campus Tour

##### 3. Poster Session/Panel Discussion

##### 8<sup>th</sup> September

##### 1. Lecture Session

- **Dr. Michael O' Reilly** (M. D. Anderson Cancer Center, USA): Angiogenesis: From Discovery to Clinical Application
- **Dr. Masahiko Miura** (TMDU): Radiation Oncology and Biology for Oral Cancer
- **Dr. Sumio Sugano** (University of Tokyo): Transcriptome Analysis Using Second Generation Sequencers

##### 2. Afternoon Excursion in Tokyo

##### 3. Social Hour

#### III. INTERNATIONAL SYMPOSIUM (9<sup>th</sup> September)

##### 1. Morning Session “Frontiers in Cancer Research”

- **Dr. Charlotte Bevan** (Imperial College London, UK): Inhibiting the Androgen Receptor in Prostate Cancer
- **Dr. Minetta C. Liu** (Georgetown University Hospital, USA): Circulating Tumor Cells (CIC): A Reliable Predictor of Treatment Efficacy in Metastatic Breast Cancer
- **Dr. Michael O' Reilly** (M. D. Anderson Cancer Center, USA): Antiangiogenesis as Part of a Combined Modality Approach for the Treatment of Lung Cancer

##### 2. Afternoon Session (Joint Session with 8th Surugadai International Symposium) “New Waves Toward Personal Genomics”

- **Dr. Huanming Yang** (Beijing Genomics Institute, China): Breakthrough in Sequencing Technology and its Impact on Medicine
- **Dr. Jan P. Dumanski** (Uppsala University, Sweden): How Common is Somatic Mosaicism for DNA Copy Number Variations (CNVs)?
- **Dr. David Hawkins** (Ludwig Institute for Cancer Research, USA): Global Analysis of the Human Stem Cell Epigenome
- **Dr. Masaaki Muramatsu** (TMDU): Genome and Epidemiology
- **Dr. Hidehito Kuroyanagi** (TMDU): Splicing and Diversity
- **Dr. Yoshihito Niimura** (TMDU): Evolution and Bioinformatics
- **Dr. Issei Imoto** (TMDU): Cancer Genomics and Epigenomics



Dr. Charlotte Bevan



Dr. Minetta C. Liu



Dr. Yasuhito Yuasa



Dr. Masanobu Kitagawa



Dr. Yoshio Miki



Dr. Yoshihiro Sasaki



Dr. Michael O' Reilly



Dr. Masahiko Miura



Dr. Sumio Sugano



Dr. Huanming Yang



Dr. Jan P. Dumanski



Dr. David Hawkins



Dr. Masaaki Muramatsu



Dr. Hidehito Kuroyanagi



Dr. Yoshihito Niimura



Dr. Issei Imoto

(\*The order of speakers is subject to change.)