

SECOND ANNUAL US/JAPAN BIOSTATISTICS WORKSHOP

SEPTEMBER 23-24, 2004

This workshop is sponsored by:

Cancer Research And Biostatistics, Seattle, Washington, USA

Kyoto University, Kyoto, Japan

Hope Foundation, Southwest Oncology Group, San Antonio, Texas, USA

Translational Research Informatics Center, Kobe, Japan

Benaroya Research Institute, Seattle, Washington, USA

Thursday, September 23

8:30am **INTRODUCTORY REMARKS**

John Crowley, PhD - Cancer Research And Biostatistics

Masanori Fukushima, MD – Kyoto University & Translational Research Informatics Center

Charles A Coltman Jr, MD - Southwest Oncology Group

GENE EXPRESSION PROFILING ANALYSIS

9:00am **Gene Expression Profiling**

John Shaughnessy, PhD - Myeloma Institute for Research and Therapy, University of Arkansas for Medical Sciences

9:30am **Statistical Issues in the Analysis of GEP Data**

William Barlow, PhD - Cancer Research And Biostatistics

10:00am **Break**

10:30am **Predicting Patient Survival from Gene Expression Data**

Shigeyuki Matsui, PhD - Kyoto University

11:00am **Application of Microarray Analysis Methods to Epidemiological Data**

Seiichiro Yamamoto, PhD - National Cancer Center Research Institute, Tokyo

11:30am **Using Robust Measures to Describe Distributions and Similarities of Microarray Data**

Johanna Hardin, PhD - Pomona College

12:00pm **Lunch on your own**

CLINICAL TRIALS – PHASE I

1:00pm **An Overview of Phase I Designs**

Barry Storer, PhD - Fred Hutchinson Cancer Research Center

1:30pm **An Application of the Continual Reassessment Method to a Study of Interferon in Patients with Adult Leukemia**

Naoki Ishizuka, PhD - International Medical Center of Japan

Thursday, September 23

- CLINICAL TRIALS – PHASE II**
- 2:00pm** **Phase II Study Designs in the Southwest Oncology Group**
Catherine Tangen, DrPH - Southwest Oncology Group
- 2:30pm** **Phase II Selection Designs**
Ping-Yu Liu, PhD - Southwest Oncology Group
- 3:00pm** **Break**
- CLINICAL TRIALS – PHASE III**
- 3:30pm** **A Randomized Controlled Trial of a Non-Platinum Triplet for Non-Small Cell Lung Cancer**
Hideki Origasa, PhD - Toyama Medical and Pharmaceutical University
- 4:00pm** **Analysis of QOL Data in Cancer Clinical Trials**
Yasuo Ohashi, PhD - University of Tokyo
- 4:30pm** **Japan/US Common Arm Trials**
John Crowley, PhD - Cancer Research And Biostatistics
- 5:00pm** **Reception – to be announced**

Friday, September 24

- PROGNOSTIC FACTORS AND BIOMARKERS**
- 9:00am** **Tumor Down-Staging as an Endpoint for Evaluating Neoadjuvant Chemotherapy in Invasive Bladder Cancer**
Satoshi Teramukai, PhD - Kyoto University
- 9:30am** **Prediction of Skin Adverse Events due to Radiation Therapy in Breast Cancer Patients using SNPs**
Eisei Oda, PhD - Translational Research Informatics Center, Kobe
- 10:00am** **Extreme Regression**
Mike LeBlanc, PhD - Southwest Oncology Group
- 10:30am** **Break**
- 11:00am** **Bagging Trees with Application to Analysis of Peripheral Blood Stem Cell Donor Data**
Takashi Daimon, PhD - Translational Research Informatics Center, Kobe
- 11:30am** **Longitudinal Analysis of Biomarker Data**
Donna Pauler, PhD - Southwest Oncology Group
- 12:00pm** **Closing Remarks**