

3rd US-Japan Biostatistics Workshop

- Preliminary Agenda -

October 7, 2005

Inamori Hall, Faculty of Medicine, Kyoto University

OPENING REMARKS

9:00 a.m. Masanori Fukushima, M.D., Ph.D., Kyoto University
& Translational Research Informatics Center

CLINICAL TRIALS

9:10 a.m. **Inter-Patient Variability and Misspecification of Dose-Response Modeling in CRM**
Naoki Ishizuka, Ph.D., International Medical Center of Japan

9:30 a.m. **Bayesian Sequential Analysis in Translational Research**
Satoshi Teramukai, Ph.D., Kyoto University
& Translational Research Informatics Center

9:50 a.m. **Design of Phase II Cancer Clinical Trials Evaluating Survival Endpoints**
Takashi Daimon, Ph.D., University of Shizuoka

10:10 a.m. **Break**

10:20 a.m. **Designs for Trials of Personalized Therapy Based on Chemosensitivity**
Seiichiro Yamamoto, Ph.D., National Cancer Center

10:40 a.m. **Designs for Trials of Targeted Therapy in Oncology**
John Crowley, Ph.D., Cancer Research And Biostatistics

11:00 a.m. **Analysis of Neurotoxicity of Taxane**
Yasuo Ohashi, Ph.D., University of Tokyo

11:20 a.m. **Break**

OBSERVATIONAL ANALYSIS & CAUSAL INFERENCE

11:30 a.m. **Comparison of Efficiency among Estimation Methods in Case-Control Studies within Cohort**
Sachiko Tanaka, Ph.D. and Seiichiro Yamamoto, Ph.D., National Cancer Center

11:50 a.m. **Randomized-Based Analysis of All Eligible Patients Adaptive to Protocol Amendment of Eligibility Criteria**
Kenichi Yoshimura, Ph.D., National Cancer Center

12:10 p.m. **A Sensitivity Analysis for Unmeasured Confounding on the Estimation of Causal Effect**

Yasutaka Chiba, Ph.D., Yutaka Matsuyama, Ph.D., and Tosiya Sato, Ph.D.,
Kyoto University

12:30 p.m. **LUNCH**

KEYNOTE LECTURE: COMPUTATIONAL BIOLOGY

2:00 p.m. **An Overview of the Bioconductor Project and Applications in Computational Biology**

Robert Gentleman, Ph.D., Fred Hutchinson Cancer Research Center

2:40 p.m. **Break**

GENE EXPRESSION PROFILING

3:00 p.m. **Use of High Throughput Genomics in a Large Single Institution Trial to Predict Survival of Patients with Myeloma**

John Shaugnessy, Ph.D.
Myeloma Institute for Research and Therapy, University of Arkansas for
Medical Sciences

3:20 p.m. **Comparison of Prognostic Prediction Methods using Subsets of Significant Genes**

Takeharu Yamanaka, Ph.D., Translational Research Informatics Center

3:40 p.m. **Sample Size Calculations for Selecting Differentially Expressed Genes Based on Gene Ranking**

Shigeyuki Matsui, Ph.D., Kyoto University
& Translational Research Informatics Center

4:00 p.m. **Break**

PROGNOSTIC FACTORS AND BIOMARKERS

4:10 p.m. **Prognostic Modeling using Stage-wise Methods**

Michael LeBlanc, Ph.D., Fred Hutchinson Cancer Research Center

4:30 p.m. **Operating Characteristics of Prostate-Specific Antigen: Results from the Prostate Cancer Prevention Trial**

Donna Pauler Ankerst, Ph.D., Sylvia Lawry Center for MS Research

CLOSING REMARKS

4:50 p.m. John Crowley, Ph.D., Cancer Research And Biostatistics