

第 25 回 札幌国際がんシンポジウム

テーマ

“Toward Personalized Medicine in Cancer and Other Lifestyle-Related Diseases”

日時

2005 年 8 月 2 日～4 日

会場

山形グランドホテル（山形県山形市）

代表世話人

仙道 富士郎（山形大学）

The 25th Sapporo International Cancer Symposium

Theme:

“Toward Personalized Medicine in Cancer and Other Lifestyle-Related Diseases”

Date:

Aug 2-4, 2005

Venue:

Yamagata Grand Hote, Yamagata, Japan

Organizer (*Chairperson)

Fujiro Sendo*

Sumio Kawata

Takashi Tsuruo

Yusuke Nakamura

Mark J. Ratain

Masaaki Muramatsu

Takeo Kato

Kouji Matsushima

Isao Kubota

Cotton Richard

Program

Session 1. Concepts toward Personalized Medicine

“Biobank Japan” toward the personalized medicine

Yusuke Nakamura (The University of Tokyo, Japan)

The waystation as an aid for mutation collection

Richard G. H. Cotton (Genetic Disorders Research Center, Australia)

SNP informatics; unraveling genetic association for diseases and drug responses

Masaaki Muramatsu (Tokyo Medical and Dental University, Japan)

Common human DNA variation and personalized medicine

David R. Cox (Perlegan Sciences, Inc., USA)

Genome wide identification of transcriptional start sites in human colorectal cancer

Kouji Matsushima (The University of Tokyo, Japan)

Prediction of lymph node metastasis in cancer patients by expression profiling

Mitsuhiro Tada (Hokkaido University, Japan)

Luncheon Seminar 1

Angiotensin II and organ damage in diabetes: Beyond blood pressure

Wayne A. Border (University of Utah, USA)

Session 2. Genetic Polymorphisms Associated with the Sensitivity for Anticancer Drugs

Pharmacogenetics of irinotecan: A recursive trek between bedside and bench

Mark J. Ratain (University of Chicago, USA)

UGT1A1 pharmacogenetics in the use of irinotecan

Yuichi Ando (Saitama Medical School, Japan)

CYP19 (aromatase) genetic profiles: Relationship to breast cancer risk, postmenopausal hormone levels and estrogen receptor expression in breast cancers

Linda M. Wasserman (University of California, USA)

Impact of a cytidine deaminase genotype on gemcitabine pharmacokinetics and toxicities in Japanese cancer patients

Nahoko Kaniwa (National Institute of Health Sciences, Japan)

Pharmacogenomics at the bedside: Using transcriptional profiling to predict efficacy for traditional cytotoxic drugs and novel anti-cancer agents

Jeffrey S. Ross (Albany Medical College, USA)

Session 3. Basic concepts in Molecular Epidemiology for Lifestyle-Related Diseases

Genetic polymorphisms associated with lung cancer risk

Jun Yokota (National Cancer Center Research Institute, Japan)

Genetic polymorphism of CYP2A6 as one of the potential determinants of tobacco-related cancer risk

Tetsuya Kamataki (Hokkaido University, Japan)

Genetic susceptibility for COPD

Dawn L. DeMeo (Harvard Medical School, USA)

A novel polymorphism in secretory phospholipase A2 -IID is associated with body weight loss in chronic obstructive pulmonary disease

Makoto Sata (Yamagata University, Japan)

Positional cloning to identify novel genes for type 2 diabetes mellitus and obesity
Leslie J Baier (National Institutes of Health, USA)

Large-scale SNP genotyping for the identification of susceptibility genes to diabetic nephropathy
Shiro Maeda (The Institute of Physical and Chemical Research, Japan)

Large scale search of SNPs for type 2 DM susceptibility genes in a Japanese population
Makoto Daimon (Yamagata University, Japan)

Luncheon Seminar II

Genetic variation in the interferon system; impact on interferon induced responses
Mark R. Thursz (Imperial College at St. Mary's Hospital, UK)

Session. 4 Recent Advances in Molecular Epidemiology for Cancer and Multifactorial Diseases

Molecular epidemiology and functional study on Parkinson's disease
Takeo Kato (Yamagata University, Japan)

Parkinson's disease and synucleinopathies: from genes to molecular pathology
Takeshi Iwatsubo (University of Tokyo, Japan)

Population genomics of Drug Response
Hakon Hakonarson (deCODE genetics Inc., Iceland)

The impact of variation at the KIR and HLA gene clusters on human disease
Mary N. Carrington (National Cancer Institute, USA)

Genetic variations associated with susceptibility to hepatitis C virus infection
Takafumi Saito (Yamagata University, Japan)

Comprehensive gene expression analysis of liver diseases

Shuichi Kaneko (Kanazawa University, Japan)

Gene expression analysis of intrahepatic cholangiocarcinomas with different etiology using cDNA microarray; A comparison of expression profiles between liver fluke-associated and non-liver fluke-associated tumors

Yoichi Furukawa (University of Tokyo)