

第 19 回 札幌国際がんシンポジウム

テーマ

“Cancer Genomics and Molecular Diagnosis”

日時

1999 年 7 月 7 日～9 日

会場

北海道大学 百年記念館（札幌市北区）

代表世話人

中村 祐輔（東京大学）

The 19th Sapporo International Cancer Symposium

Theme:

“Cancer Genomics and Molecular Diagnosis”

Date:

July 7-9, 2000

Venue:

Hokkaido University Centennial Hall, Sapporo, Japan

Organizers (*Chairperson)

Yusuke Nakamura*

Olli-P Kallioniemi

Tetsuo Noda

Manuel Perucho

Misao Ohki

Bruce Ponder

Takashi Tokino

Program

Session 1. Genome Analysis of Cancer I

Full-length cDNA library and gene analysis

Sumio Sugano (The University of Tokyo, Japan)

Analysis of genomic alterations in neoplastic tumors by molecular cytogenetic approaches

Johji Inazawa (Tokyo Medical and Dental University, Japan)

Genome scanning of human prostate cancer

Olli-P. Kallioniemi (National Human Genome Research Institute, NIH, USA)

Genome scanning in breast cancer—high resolution array CGH as a guide to gene discovery

Joe W. Gray (University of California—San Francisco, USA)

Session 2. Genome Analysis of Cancer 2

Genetic predisposition to gastric cancer: possibilities for molecular screening and diagnosis

David Bowtell (Peter MacCallum Cancer Institute, Australia)

Positional cloning of cancer-susceptibility syndrome gene, NBS1, and the protein function

Kenshi Komatsu (Hiroshima University, Japan)

The products of a family gene of MTG8 (ETO) constitute histone deacetylase complexes

Misao Ohki (National Cancer Center Research Institute, Japan)

Localization of tumor suppressor gene(s) in non-small cell lung cancer on chromosome 11q23

Yoshinori Murakami (National Cancer Center Research Institute, Japan)

Genetic analysis of common cancers

Mark Skolnick (Myriad Genetics Inc., USA)

Session 3. Molecular Basis of Cancer 1

Regulation of the function of p53 by phosphorylation and acetylation

Yoichi Taya (National Cancer Center Research Institute, Japan)

Screening and analysis of p53–target genes

Takashi Tokino (Sapporo Medical University, Japan)

Session 4. Molecular Basis of Cancer 2

PEG3, imprinted gene functioning as tumor suppressor in glioma

Fumitoshi Ishino (Tokyo Institute of Technology, Japan)

ATM: Genomic and functional analysis of a cancer–predisposing gene

Yosef Shiloh (Tel Aviv University, Israel)

Molecular dissection of carcinogenesis by reverse genetics

Tetsuo Noda (Tohoku University, Japan)

Unbiased scanning approaches for the analysis of genetic and epigenetic instability in cancer

Manuel Perucho (La Jolla Cancer Research Center, USA)

Session 5. Molecular Basis of Cancer 3

Isolation of cancer–related genes through the human genome analysis

Yusuke Nakamura (The University of Tokyo, Japan)

A public gene expression database for the Cancer Genome Anatomy Project

Gregory Riggins (Duke University Medical Center, USA)

Genomic analysis of human pancreatic cancer –towards diagnosis and treatment–
Akira Horii (Tohoku University, Japan)

Molecular screening for hereditary intestinal cancer syndromes
Lauri Aaltonen (University of Helsinki, Finland)

Molecular diagnosis of breast and thyroid cancer
Mitsuru Emi (Nippon Medical School, Japan)

Session 6. Molecular Diagnosis of Cancer

Molecular genetics of human lung cancers
Takashi Takahashi (Aichi Cancer Center Research Institute, Japan)

Yeast-based functional assays for detection and evaluating pathogenic mutations in
cancer susceptibility genes
Chikashi Ishioka (Tohoku University, Japan)

Molecular diagnosis of breast cancer and its clinical application
Shinzaburo Noguchi (Osaka University, Japan)

Genetic predisposition to gastric cancer: possibilities for molecular screening and
diagnosis
Carlos Caldas (University of Cambridge, UK)