

第 20 回 札幌国際がんシンポジウム

テーマ

“Gene-Environment Interaction and Cancer Prevention”

日時

2000 年 7 月 5 日～7 日

会場

北海道大学 百年記念館（札幌市北区）

代表世話人

小林 博（札幌がんセミナー）

The 20th Sapporo International Cancer Symposium

Theme:

“Gene-Environment Interaction and Cancer Prevention”

Date:

July 5-7, 2000

Venue:

Hokkaido University Centennial Hall, Sapporo, Japan

Organizer (*Chairperson)

Hiroshi Kobayashi*

Joseph F. Fraumeni

Enrico Mihich

Tomoyuki Kitagawa

Suketami Tominaga

Program

Opening Remarks

Carcinogenesis studies at the National Cancer Center over the past two decades.

What are the obstacles in bridging occupational and hereditary cancers?

Takashi Sugimura (The National Cancer Center, Japan)

Session 1.

Genetic environment interactions in breast cancer

Steven Narod (University of Toronto, Canada)

Session 2.

Cancer incidence among Japanese immigrants in the United States –An epidemiological example of gene–environment interaction–

Hiroyuki Shimizu (Gifu University, Japan)

Genetic susceptibility to aromatic and heterocyclic amine carcinogens

Fred F. Kadlubar (National Center for Toxicological Research, USA)

Genetic and molecular epidemiology of lung cancer

Ping Yang (Mayo Clinic and Foundation, USA)

Smoking behavior and its fingerprint in the process of lung carcinogenesis

Takashi Takahashi (Aichi Cancer Center, Japan)

Molecular and cytogenetic alterations of human lung carcinogenesis

Shu-jun Cheng (Cancer Institute, China)

Session 3.

Genetic polymorphism and common human cancer candidate risk markers for lung and stomach cancer

Haruhiko Sugimura (Hamamatsu University, Japan)

Involvement of base excision repair in human carcinogenesis

Jun Yokota (National Cancer Center Research Institute, Japan)

Molecular and clinical risk markers in colon cancer trials

Michael Hill (South Bank University, UK)

Colon cancer: genetic and environmental factors as risk modifiers

Helmut Bartsch (German cancer Research Center, University of Heidelberg, Germany)

Session 4.

Studies of DNA damage and metabolism in humans after low dose exposure to environment carcinogens

R. Colin Garner (The Centre for Biomedical Accelerator Mass Spectrometry, UK)

Hepatocellular carcinoma: from gene to public health

Ruggero Montesano (IARC, France)

Chemoprevention of liver cancer by inducer of carcinogen detoxication enzymes: experimental and clinical considerations

Thomas Kensler (Johns Hopkins School of Public Health, USA)

Molecular basis of cancer chemoprevention by dietary and medicinal phytochemicals

Young-Joon Surh (Seoul National University, Korea)

Immunological consideration for gene-environment interaction

Kurt Zaenker (University Witten/Herdecke, Germany)

Session 5.

Natural selection of T-cell leukemia viruses in human hosts

Shunro Sonoda (Kagoshima University, Japan)

Natural immunological host defense and cancer incidence

Kei Nakachi (Saitama Cancer Research Institute, Japan)

Experimental study of gene therapy of cancer

You Hui Zhang (Peking Union Medical College, China)

Transplacental and transgenerational carcinogenesis for a model of gene–environment interaction

Vladimir Turusov (N. N. Blokhin Cancer Research Centre, Russian Federation)