

第 8 回 札幌国際がんシンポジウム

テーマ

“Cancer Progression and Metastasis”

日時

1988 年 7 月 6 日～9 日

会場

センチュリーロイヤルホテル（札幌市中央区）

代表世話人

小林 博（北海道大学）

The 8th Sapporo International Cancer Symposium

Theme:

“Cancer Progression and Metastasis”

Date:

July 6-9, 1988

Venue:

Century Royal Hotel, Sapporo, Japan

Organizing Committee(*Chairperson):

Fidler I. Josh

Suemasu Keiichi

Tarin David

Urushizaki Ichiro

Kobayashi Hiroshi*

Kerbel Robert S.

Tachibana Takehiko

Tsubura Eiro

Yokoro Kenjiro

Program:

Session 1: Clinicopathological Overview of Cancer Progression and Metastasis

Statistical analysis of cancer metastasis based on Japanese autopsy cases

J. Shiga

Prognosis (metastatic potential) of human solid tumors by DNA analysis

E. Sugarbaker

Surgical treatment of pulmonary metastasis with consideration of cascade spread of blood-borne metastasis

K. Suematsu

Progression of human cancers in vivo

S. Fujita

Molecular genetics of tumour metastasis

D. Tarin

Session 2: Molecular Biology of Metastatic Cells

Organ specificity of cancer metastasis is determined, in part, by differential adhesive, invasive and growth properties of unique tumor cells at particular organ sites

G. L. Nicolson

Activation of oncogenes related to tumor progression and metastasis

J. Yokota

Tumor cell lectins and metastasis

A. Raz

Cytoskeletal alterations associated with the increased cell motility in the metastatic cells

T. Kakunaga

Synthetic peptides of laminin and fibronectin promote the adhesion of melanoma cells and heparin binding

L. Furcht

Oncogenes controlling the metastatic phenotype

M. Feldman

Correlation of RFLPs with metastasis and with the incidence of human lung, stomach, and colon cancers

S. Nishimura

Session 3: Progression of Cancer Cells

Clonal analysis of primary tumor growth, progression, and metastasis using plasmid or retroviral vector "tagged" tumor cell populations

R. Kerbel

Macrophage-mediated genetic instability and tumor heterogeneity

G. Heppner

Conversion of tumor cells from regressor to progressor cells

M. Hosokawa

Clonal heterogeneity and interclonal interaction in tumor progression

A. Stavrovskaya

Macrophage potentiation of tumor cell invasion and an invasion-inhibiting-factor

H. Akedo

Experimental evidence for monoclonal origin of cancer and metastasis: spontaneous mouse mammary tumors

H. Tanooka

Progression and metastases of tumors and controlling role of the host natural resistance

G. Deichman

Session 4: Poster session with 3-minutes oral presentation

A role of plastic plate in tumor progression of a regressor clone derived from rat mammary carcinoma (SST-2)

J. Hamada

Expression of an adhesive glycoprotein from rat ascites hepatoma in rat and human glial neoplasms

Y. Ishimaru

In vivo selection of highly liver-metastatic cells from surgical specimens of human colon carcinomas implanted into nude mice

K. Morikawa

Cellular and molecular bases in adherent and nonadherent properties of rat ascites hepatoma cells

T. Kawaguchi

Augmentation of immunizing effects of tumor cells by bleomycin or cyclophosphamide

M. Komatsumoto

Flat revertants derived from the human activated c-Ha-ras-transformed cells

Y. Ogiso

A novel method for detecting somatic changes at the DNA level; its application to assessment of genetic instability of cancer cells

R. Kominami

Enhanced liver metastatic potential of alpha-fetoprotein producing human gastric carcinoma after carbon tetrachloride-induced liver damage in nude mice

Y. Konishi

Elastin inhibits fibronectin-induced B16-F10 melanoma cell migration

Y. Koshihara

Constitutive production of CSF (GM) by tumor cells and lung metastasis

K. Kumagai

Selective eradication of subclinical satellite metastasis of malignant melanoma by thermal neutron capture therapy (NCT) using 10B-melanoma-seeking compounds

Y. Mishima

Examination of correlation between expression of glycoprotein antigens and metastasis of human carcinomas

T. Muramatsu

Metastatic heterogeneity of human renal cell carcinoma

S. Naito

A role of PGE₂ production in the regression and progression of mouse fibrosarcoma cells

F. Okada

Effect of membrane bound complement inhibitors of tumor cells on cancer progression

H. Okada

Usefulness of mixed preparation of natural human TNF-alpha and natural human IFN-alpha for disseminated or advanced solid cancer patients

K. Orita

Inhibition of the metastases and platelet aggregation caused by malignant melanoma by means of synthetic polypeptides containing core sequence of cell adhesion molecules

I. Saiki

Enhancing effect of killer helper factor (KHF) on LAK induction associated with prevention of pulmonary metastases in mice

K. Fukuda

Differential expression of a tropomyosin isoform in low- and high-metastatic Lewis lung carcinoma cells

K. Takenaga

Metastasis inhibition based on endothelial cell stabilization

N. Tanaka

Altered expression of a new type of actin accompanying malignant progression in B16 melanoma cells

S. Taniguchi

Detection of sulfomucin expression in colonic mucosa, primary colon carcinoma and metastases using a specific monoclonal antibody

T. Yamori

International variation in the progression of human prostatic cancer

R. Yatani

carcinogenesis: The Rous-Bereblum multistage model versus the Foulds - Nowell multipath model. Which?

C. W. Boone

Session 5: Organ Environment and Metastatic Cells

Accelerated outgrowth of melanoma cells in UV-irradiated skin

M. Kripke

Cellular diversity in malignant neoplasms: Implications for the discovery of novel anticancer agents

G. Poste

Control of metastasis by activated macrophages

J. Fidler

Interaction between EGF and its receptor in progression of human gastric carcinoma

E. Tahara

Tenascin in embryogenesis and cancer development

T. Sakakura

Intercellular communication between metastatic tumor cells and normal cells

N. Takeichi

Role of integrin receptors in metastasis

K. V. Honn

Tumor-induced platelet aggregation and growth promoting factors as determinants for tumor metastasis

T. Tsuruo

Establishment of high metastatic clone derived from Meth A and the implication of its platelet aggregating potential in artificial metastasis

Y. Niitsu

Active immunotherapy of metastatic tumor cells by a living tumor cell vaccine

H. Kobayashi

The generation of immunogenic variants by transfection with foreign genes

P. Frost

Immunotherapy with tumor vaccines composed of autologous tumor cells mixed with

Newcastle Disease Virus

V. Schirmacher

Basic principles of active specific immunotherapy in the treatment of lymph node metastasis

T. Tachibana

Comparison of biological characteristics of rat fibrosarcomas with different metastatic potential

N. Saijo

Membrane directed approaches in antimetastatic treatment

E. Mihich