

## 第 23 回 札幌国際がんシンポジウム

**テーマ**

“Immunology-based Targeting Therapy”

**日時**

2003 年 7 月 31 日～8 月 1 日

**会場**

ロイトン札幌（札幌市中央区）

**世話人代表**

今井 浩三（札幌医科大学）

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## The 23rd Sapporo International Cancer Symposium

**Theme:**

“Immunology-based Targeting Therapy”

**Date:**

July 31-Aug 1, 2003

**Venue:**

Royton Sapporo, Sapporo, Japan

**Organizers (\*Chairperson)**

Imai Kohzoh\*

David P. Carbone

Ralph A. Reisfeld

Toshitada Takahashi

## **Program**

### **Session I: Identification of New Antigens**

(Chairmen: R. Reisfeld and T. Takahashi)

Tumor proteomic patterns predict classification and tumor behavior in human non-small cell lung cancer.

David P. Carbone, Tennessee

Identification of human tumor antigens using various genetic and immunological methods.

Yutaka Kawakami, Tokyo

Current progress of tumor antigens and cancer vaccines: Promise and challenge.

Rongfu Wang, Houston

Identification of a novel HLA-A 2402 restricted minor histocompatibility antigen and its potential therapeutic use.

Yoshiki Akatsuka, Nagoya

### **Session II: Dendritic Cells**

(Chairmen, D.P. Carbone and R. Wang)

Cooperative interaction of myeloid and plasmacytoid dendritic cells(DCs) in inducing cytotoxic T lymphocytes through distinct in vivo trafficking pathway.

Kouji Matsushima, Tokyo

Cancer Immunotherapy with mRNA-loaded dendritic cells.

Yuji Hinoda, Ube

Development of tumor specific immunotherapy using dendritic cells.

Hideaki Tahara, Tokyo

**Session III: CTLs, NK T cells**

(Chairmen, M. Smyth and H. Shiku)

SEREX and T-cell analysis of murine sarcoma Meth A antigens.

Eiichi Nakayama, Okayama

Innate anti-tumor immunity – evolving networks.

Mark Smyth, Melbourne

Development of a novel tumor-cell therapy by adoptive transfer with Th1 cells.

Takashi Nishimura, Sapporo

Continued activation of ex vivo detectable melanoma specific T cells after peptide vaccination.

Daniel E. Speiser, Lausanne

**Session IV: Antibodies**

(Chairmen, S. Ferrone and R. Ueda)

Targeted immunotherapy induces tumor cell apoptosis and suppressed angiogenesis.

Ralph A. Reisfeld, La Jolla

CCR4: chemokine receptor as a novel molecular target for immunotherapy in adult T-cell leukemia/lymphoma (ATLL).

Ryuzo Ueda, Nagoya

HMW-MAA-specific mAb mediated inhibition of human melanoma cell growth in SCID mice—Does FAK-Src pathway play a role?

Soldano Ferrone, Buffalo

The mechanism of apoptosis induced by anti-ErbB-2 antibody.

Tadao Ishida, Sapporo

## **Session V: Peptides Vaccine**

(Chairmen, Y-T. Chen and D.E. Speiser)

Tumor-derived CD4+ T cell epitopes in anti-tumor vaccines.

Hiroshi Shiku, Tsu-shi

Cancer-testis(CT) antigens: The discovery of NY-ESO-1 and its application in vaccine therapy.

Yao-Tseng Chen, New York

Humoral responses to peptides correlate with overall survival in advanced cancer patients vaccinated with peptides based on pre-existing peptide-specific cellular responses.

Kyogo Itoh, Kurume

Identification of human tumor peptide vaccines derived from oncogenesis-related molecules.

Noriyuki Sato, Sapporo

## **General Discussion**

(Chairmen, R. Reisfeld and D.P. Carbone)

### **Poster session:**

Activated T-and NK cells combine with suppression of angiogenesis to protect against breast cancer growth.

Yunping Luo et al, La Jolla

HLA class I antigen loss on melanoma cell line VMM5B due to a novel point mutation in Beta2-microglobulin gene.

Takeshi Ogino et al, Asahikawa

Mice experimental models of DC therapy for lung metastasis of osteosarcoma.

Susumu Joyama et al, Osaka

Epidermal growth factor receptor expression is correlated with decreased survival of patients with adult soft tissue sarcoma: A study of 284 cases.

Osamu. Sato et al, Tokyo

Analysis of the expression of a new CARD family protein TUCAN and its variant in normal and cancer tissues.

Masaaki Yamamoto et al, Sapporo

cDNA microarray analysis of gene expression after treatment with paclitaxel or hyperthermia in lung squamous cell carcinoma.

Mohamed Kamel Hassan et al, Sapporo

Livin, a inhibitor of apoptosis family member is a novel target for cancer immunotherapy.

Hiroshi Kitamura et al, Sapporo

Inhibition of NF- $\kappa$ B pathway augments TNF- $\alpha$  induced apoptosis and suppress in vivo tumor growth of human cancer cells.

Hiroshi Yasui et al, Sapporo

Differential roles of alteration of p53, p16, and SMAD4 expression in the progression of intraductal papillary-mucinous tumors of the pancreas.

Mai Igarashi et al, Sapporo

Dominant negative inhibition of insulin-like growth factor-I receptor; A promising strategy for pancreatic cancer cells.

Y. Adachi et al, Sapporo

The role of aberrant DNA methylation and histone modification in hematopoietic tumors.

Masafumi Murai et al, Sapporo

The role and the antitumor efficacy of chemokines preferentially expressed in regressing mouse tumor.

Yukoh Nakazaki et al, Fukuoka