

Annual Meeting

The 4th Annual Meeting of JSIT

1997.9.30-10.1.

Toho Seimei Hall (Tokyo)

President: Michihito TAKAHASHI (National Institute of Health Sciences)

Special Invited Lecture

Chemical-and drug-induced autoimmunity and its mechanisms: what do T cells recognize in adverse immunec reactions to chemicals?

E. Gleichmann, T. Pape, M. Wulferink, P. Griem

Division of Immunology, Medical Institute of Environmental Hygiene at Heinrich Heine University

Special Lecture

Cytokines in diseases: new approaches to clinical use

S. Asano

Institute of Medical Science, University of Tokyo

Symposium

Problems on the drug-induced anaphylactic reactions

M. Muranaka

Yugawara Kosei-nenkin Hospital

Delayed drug allergy, - especially, action mechanism of drug allergens in allergic eruptions induced by Oxicam derivatives-

Z. Ikezawa

Urafune Hospital, Dept. of Dermatology, Yokohama City Uni. School of Medicine

Food allergy

S. Kaminogawa

Dept.of Applied Biological Chemistry, The University of Tokyo

Working environment and allergy: a lesson from study on hard metal disease

Y. Kusaka

Department of Environmental Health, School of medicine, Fukui Medical University

Workshop

International trend on immunotoxicity testing guidelines in experimental animals: Immunopathological examinations

K. Mitsumori

Division of Pathology, National Institute of Health Sciences

Current topics in functional immunotoxicity testing guidelines

J. Sawada

Division of Biochemistry and Immunochemistry, National Institute of Health Sciences

Practice and the point at issue of antigenicity study using guinea pigs

E. Maki

Preclinical Development Dept., Research & Development Division, Janssen-Kyowa, Co., Ltd./JPMA

Investigations of allergenicity test in mice

K. Shinkai, T. Aida, N. Ishikawa, T. Kimura

Laboratory Animal Science & Toxicology Laboratories, Sankyo Co., Ltd.

General Presentation

Differences in immune responses to low-molecular compounds in three guinea-pig strains	T. Aida, N. Ishikawa, K. Shinkai	Laboratory Animal Science & Toxicology Laboratories, Sankyo Co., Ltd.
Histopathological differences between Arthus and delayed-type hypersensitivity reactions to a low-molecular compound in guinea-pigs	T. Kimura, T. Aida, I. Igarashi, N. Ishikawa, K. Shinkai	Laboratory Animal Science & Toxicology Laboratories, Sankyo Co., Ltd.
Investigation of antigenicity study methods in guinea pigs	K. Nagami, Y. Kawashima, H. Kuno, H. Matsumoto	Development Research Laboratories, Banyu Pharmaceutical Co., Ltd.
A prediction of chemical-induced immunogenicity using popliteal lymph node assay	Y. Kouchi, Y. Maeda, A. Ohuchida	Drug Safety Research Laboratory, Taiho Pharmaceutical Co., Ltd.
An attempt of development of a murine model for TDI asthma through an intratracheal administration	K. Ebino(1), J.A.Kramarik(2), M.H. Karol(2)	(1)Dept. of Toxicology, Institute of Environmental Toxicology, (2)Dept. of Environmental and Occupational Health, University of Pittsburgh
Investigation of antigenicity screening methods with an in-vitro system	T. Inoue, K. Shimura, I. Horii	Dept. of Toxicology and Pathology, Nippon Roche Research Center
Development of an ELISA for measurement of specific antibodies to a humanized monoclonal antibody	J. Soejima, S. Mochizuki, N. Tsutsui, H. Inoue	Toxicology Laboratory, Yokohama Research Center, Mitsubishi Chemical Corporation
Effects of carrot juice on the production of IgE and IgG antibody in mice	H. Akiyama(1), K. Hoshino(1), R. Teshima(2), Y. Goda(1), J. Sawada(2), M. Toyoda(1)	(1)Div. of Foods, (2)Div. of Biochemistry and Immunochemistry, National Institute of Health Sciences
Effects of some antioxidants and vanadate on TNF- α production of RBL-2H3 cells	R. Teshima, J. Onose, J. Sawada	Div. of Biochemistry and Immunochemistry, National Institute of Health Sciences
Ozone exposure inhibits contact hypersensitivity responses in mice	H. Ushio, H. Fujimaki	Environmental Health Science Div. National Institute for Environmental Health Studies
The rat strain differences in the immunotoxicological parameters	Y. Kanazawa(1), T. Adachi(2), M. Furuya(2), K. Kojima(1,2)	(1)Lab. of Immunotoxicol., (2)Bio. Chem., Hatano Res. Inst., Food and Drug Safety Center
Effects of antigen stimulation on the splenic lymphocyte subsets of cyclophosphamide-treated rats	M. Nagata, M. Hino, S. Kimura, A. Watanabe, M. Takeuchi, K. Nakamura	Developmental Research Laboratories, Shionogi & Co., Ltd.
Evaluation of immunotoxicity tests using dexamethasone and cyclosporin A-III	M. Inoue, R. Nagatahira, K. Mochizuki, Y. Ito, J. Yoshida, K. Saitoh	Safety Research Laboratories Kaken Pharmaceutical Co., Ltd.

Effects of Pyridine-triphenylborane on the tissues of immune system in rats	T. Tamura, K. Toyoda, T. Shoda, C. Uneyama, K. Mitsumori, K. Takada, M. Takahashi	Division of Pathology, National Institute of Health Sciences
Role of nitric oxide in cocaine-induced immunosuppression	K. Aoki, R. Kuwabara, T. Yoshida	Dept. of Biochemical Toxicology, School of Pharmaceutical Sciences, Showa University
Inhibitory effects of Chinese medicine extracts on leukocyte apoptosis and immunotoxicity induced by doxorubicin	N. Toma, S. Toyoshima	Department of Biochemistry, Faculty of Pharmaceutical Sciences, Hoshi University
Restraint stress effect and its modification by high vitamin-E intake on immune system in young and aged mice	J. Kanno(1,2),A. Wakikawa(2),M. Utsuyama(2),K. Hirokawa(2)	(1)Division of Cellular and Molecular Toxicology, National Institute of Health Sciences, (2)Department of Pathology and Immunology, School of Medicine, Tokyo Medical and Dental University
Immunomodulating effects of electromagnetic field exposure	T. Yoshida(1),T. Hagino(1),F. Kayama(2)	(1)Dept. of Environmental Health, Tokai University, School of Medicine, (2)Dept. of Hygiene, Jichi Medical College
Preventive medical study on stress reactions after the Great Hanshin-Awaji Earthquake. Part 13. The association of lifestyle and PTSD-like symptoms with natural killer cell activity	C. Sakurai, S. Maruyama, S. Fukuda, K. Morimoto	Department of Social and Environmental Medicine, Osaka University Graduate School of Medicine
Ovariectomy induces enhanced production of proinflammatory cytokines from liver, kidney and bone marrow cells	F. Kayama, K. Nakatsuka	Department of Environmental Health, Jichi Medical School
Augmentation of autoimmune arthritis by diesel exhaust particles	S. Yoshino(1),M. Ohsawa(2),M. Sagai(3)	(1)Dept.of Microbiology, Saga Medical School, (2)Dept. of Environmental Toxicology, Faculty of Pharmaceutical Sciences, Teikyo University, (3)Research Team for Health Effects of Air Polutions, Nat. Inst. for Environmental Studies,
Dysregulation of Fas/Fas ligand system in apoptosis mechanisms for acquisition of autoimmunity in cases with silicosis	T. Otsuki, A. Tomokuni, T. Aikoh,A. Ueki	Dept. Hygiene, Kawasaki Med. Sch.