

Annual Meeting

The 5th Annual Meeting of JSIT

1998.9.21-22.

Senri Life Science Center, Life Hall (Toyonaka)

President: Kanehisa Morimoto (Osaka University Graduate School of Medicine)

Keynote Lecture

Lifestyle and allergy/immunotoxicology	Kanehisa Morimoto	Dep. of Hygiene and Preventive Med. Osaka University
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Special Lecture <1>

Chemical allergy : cellular mechanisms and new approaches to hazard and risk assessment.	Ian Kimber	Zeneca Central Toxicology Laboratory, Alderley Park, Macclesfield, Cheshire
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Special Lecture <2>

Effects of environmental chemical substances on human body -- Multiple Chemical Sensitivity (MCS) --	S. Ishikawa	President of The Japanese Society of Clinical Ecology
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Symposium

Stress and brain-immune interaction.	T. Hori	Dept. of Physiology, Faculty of Medicine, Kyushu University
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Effects of restraint stress-observation on experiments using mice-	Jun Kanno	Division of Cellular and Molecular Toxicology, National Institute of Health Sciences, Department of Pathology and Immunology, Faculty of Medicine, Tokyo Medical and Dental University
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Effects of sex hormones on human reproductive immune functions.	S. Hayakawa(1), M. Karasaki- Suzuki(1), E. Ohkoshi(2), J. Oyama(3), T. Kanaeda(1), N. Nagai(1), M. Ishii(1), F. Chisima(1), K. Sato(1)	Nihon University (1)School of Medicine, (2)(3)School of Pharmacy
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Ovariectomy induces enhanced production of proinflammatory cytokines from liver, kidney and bone marrow cells.	Fujio Kayama(1), Takahiko Yoshida, Keisuke Nakatsuka	(1)Department of Environmental Health, Jichi Medical School
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Endocrine disruptors and immune responses.	Kou Sakabe	Division of Cellular Biology and Steroid Toxicology, Department of Morphology, Tokai University School of Medicine
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Workshop

Drug-specific immune responses in guinea pigs.	N. Katsutani	Drug Safety Research Laboratories, Eisai Co., Ltd.
Evaluation of allergic potential of low molecular weight drugs by mouse popliteal lymph node assay.	K. Shinkai	Laboratory Animal Science and Toxicology Laboratories, Sankyo Co., Ltd.
The guinea pig maximization test as a test for assessment of antigenicity.	H. Hattori, F. Yamaguchi	Drug Safety Research Lab., Daiichi Pharm. Co., Ltd.
Delayed type hypersensitivity and local lymph node assay.	T. Hariya(1), M. Hatao(2), M. Shibata(1), T. Ashikaga(3), H. Ichikawa(1)	Shiseido (1)skin biology research laboratories, (2)materials research laboratories, (3)Safety research laboratories
The results of surveys about antigenicity studies conducted in the pharmaceutical companies in Japan.	N. Tsutsui	Toxicology Laboratory, Yokohama Research Center, Mitsubishi Chemical Corporation
General Presentation		
Cellular and biochemical aspects of immunotoxicity manifestation of organotin compounds.	Yasuaki Arakawa	Dept. of Hygiene & Preventive Medicine, Faculty of Health Sciences, The University of Shizuoka
Analysis of serum soluble Fas and soluble Fas ligand in patients with silicosis.	A. Tomokuni, T. Otsuki, A. Ueki	Dept. of Hygiene, Kawasaki Medical School
Analysis of mRNA expression in Fas-mediated apoptosis inhibitor genes and caspases in cases with silicosis.	T. Otsuki, A. Tomokuni, A. Ueki	Dept. Hygiene, Kawasaki Med. Sch.
Investigation of in vitro antigenicity test.	T. Inoue, I. Horii	Dept. of Preclinical Science, Nippon Roche Research Center
A new method for predictive testing of contact sensitizers using human monocyte cell line (THP-1).	N. Tsutsui, C. Crist, J. Soejima	Toxicology Laboratory, Yokohama Research Center, Mitsubishi Chemical Corporation
Immunological characteristic of mouse popliteal lymph node response to low-molecular allergenic compounds.	T. Aida, T. Kimura, N. Ishikawa, K. Shinkai	Laboratory Animal Science and Toxicology Laboratories, Sankyo Co., Ltd.
Establishment of rug-induced and allergic interstitial nephritis model - Do as a new means of the antigen screening for drugs -	D. Takahashi et al	Faculty of Pharmaceutical Sciences, Chiba University
Testing for active systemic anaphylactic reactions with NC mice.	Junko Soejima, Sachiko Mochiduki, Isamu Hosokawa, Naohisa Tsutsui	Toxicology Laboratory, Yokohama Research Center, Mitsubishi Chemical Corporation

An induction of immunogenicity through the oral administration of ovalbumin(OVA).	H. Akiyama(1), R. Teshima(2), R. Narimatsu(1), Y. Goda(1), J. Sawada(2), M. Toyoda(1)	(1)Div. of Foods, (2)Div. of Biochemistry and Immunochemistry, National Institute of Health Sciences
Immunological tests of peripheral blood neutrophils in cynomolgus monkey.	M. Yokota, R. Watanabe, M. Inoue	Safety Assessment Laboratory, Chugai Pharmaceutical Co., Ltd.
New approach to evaluate the modulation effects of chemicals on immune response to Pneumococcal polysaccharide-Pneumolysin Conjugate antigen-	T. Kosaka(1), Y. Takeuchi(1), K.Maita(1), C. J. Lee(2)	(1)Toxicology Division, The Institute of Environmental Toxicology, (2)Center for Biologics Evaluation and Research/FDA
Evaluation of immunotoxicity tests using dexamethasone and cyclosporin A-IV	M. Inoue, K. Mochizuki, Y. Ito, J. Yoshida, T. Arika	Kaken Pharmaceutical Co., Ltd.
Induction of tight skin in mice by arsenic exposure: role of GM-CSF and TGF α .	T. Yoshida(1), H. Aikawa(1), K. Sakabe(1), F. Kayama(2), H. Yamauchi(3), W. Fujimoto(4)	(1)Tokai Univ. Sch. of Med., (2)Jichhii Univ. Sch. of Med., (3)St. Marianna Univ. Sch. of Med., (4)Okayama Univ. Sch. of Med.
Effects of environmental pollutants on the release of proinflammatory cytokines from normal human dermal keratinocyte.	H. Ushio, H. Fujimaki	Environmental Health Science Div. National Institute for Environmental Studies
Role of diesel exhaust particles in oral immunization.	S. Yoshino(1), H. Hayashi(2), Y. Mori(3), M. Ohsawa(4), M. Sagai(5)	(1)Dept. of Microbiology, Saga Medical School, (2)Dept. of Clinical Toxicology and Metabolism, (3)Dept. of Immunology and Microbiology, Faculty of Pharmaceutical Sciences, Health Sciences University of Hokkaido, (4)Dept. of Environmental Toxicology, Faculty of Pharmaceutical Sciences, Teikyo University, (5)Research Team for Health Effects of AirPollutions, Nat. Inst. for Environmental Studies
Detection of intracellular cytokines of mouse lymphocytes activated in vitro. -Analysis using Flow Cytometer(FCM)-	Y. Takeuchi, T. Kosaka, T. Harada, K. Maita,	Toxicology Division, The Institute of Environmental Toxicology.
Effects of ovariectomy on specific antibody responses in rats.	M. Nagata, M. Hino, K. Nakamura	Developmental Research Laboratories, Shionogi & Co., Ltd.
Evaluation of specific IgE to Japanese cedar pollen in sera of humans with pollinosis by a	A Imai(1), M. Toriyama(1), T.	(1)Pharmaceutical Development Laboratory, Kirin Brewery Co., Ltd., (2)Department of

human mast cell histamine-releasing test.

Imai(2), M.
Yanagida(1)

otorhinolaryngology, The Jikei
University School of Medicine

Allergic rhinitis and serum immunological study in workers exposed to methyltetrahydrophthalic anhydride in 2 condenser manufacturing factories.

K. Yamaguchi(1),
K. Yokota(1), Y.
Jyoyama(1), Y.
Fujiki(1), T.
Takeshita(2), K.
Morimoto

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Industrial Hygiene, (2)Dep. of
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