

Annual Meeting

The 7th Annual Meeting of JSIT

2000.9.25-26.

Chiba University Keyaki Kaikan (Chiba)

President: Shiro UEDA (Faculty of Pharmaceutical Sciences, Chiba University)

Special Lecture <1>

Developmental immunotoxicity induced by dioxins	Steven D. Holladay	Anatomy and Toxicology, College of Veterinary Medicine, Virginia Polytechnic Institute
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Special Lecture <2>

Induction of Allergic Diseases and Fc receptor	T. Saito	Department of molecular genetics, Graduate school of medicine, Chiba University
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Workshop

Collaborative study to establish immunotoxicology evaluation procedures for pharmaceuticals	Kazuichi Nakamura	Immunotoxicology Working Group, Preclinical Evaluation Subcommittee, Drug Evaluation Committee, Japan Pharmaceutical Manufacturers Association; Developmental Research Laboratories, Shionogi & Co., Ltd.
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Collaborative study to establish immunotoxicology evaluation procedures for pharmaceuticals using promethazine hydrochloride	T. Morita(1), H. Irie(2), T. Kimura(3), M. Sakaguchi(4), H. Doi(5), H. Hattori(6), D. Mukai(7)	(1)Toyama Chemical Co., (2)Welfide Co., (3)Toa Eiyō Ltd., (4)Fuji Biomedix Co., (5)Takeda Chemical Industries, (6)Daiichi Pharmaceutical Co., (7)Biosafety Research Center
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Collaborative study to establish immunotoxicology evaluation procedures for pharmaceuticals using indomethacin	Y. Kuninishi(1), S. Hisada(2), S. Ozawa(3), K. Hoshino(4), J. Nishimura(5)	(1)Kyorin Pharmaceutical Co., Ltd., (2)Teikoku Hormone Mfg. Co., Ltd., (3)Kissei Pharmaceutical Co., Ltd., (4)Yamanouchi Pharmaceutical Co., Ltd., (5)Kowa Company, Ltd.
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Collaborative study to establish immunotoxicology evaluation procedures for pharmaceuticals using dl - propranolol hydrochloride	N. Sato(1), T. Narita(2), K. Mochizuki(3), T. Kimura(4), K. Suwa(5), H. Izumi(6), M. Nagata(7)	(1)Asahi Chemical Industry Co., Ltd., (2)Ajinomoto Co., Inc., (3)Kaken Pharmaceutical Co., Ltd., (4)Sankyo Co., Ltd., (5)Bozo Research Center Inc., (6)Shin Nippon Biomedical Laboratories Ltd., (7)Shionogi & Co., Ltd.
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Collaborative study to establish immunotoxicology evaluation procedures for	K. Tanaka(1), M. Kokubu(2), M. Yano(3), Y.	(1)Kyowa Hakko Kogyo Co., Ltd., (2)Panapharm Laboratories Co., Ltd. ,
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pharmaceuticals using 5-fluorouracil	Tagawa(4), H. Kato(5)	(3)Environmental Biological Life Science Research Center Inc. (BILIS), (4)Sanwa Kagaku Kenkyusho Co., Ltd., (5)Sumitomo Chemical Co., Ltd.
Collaborative study to establish immunotoxicology evaluation procedures for pharmaceuticals using nortriptyline hydrochloride	Y. Takahashi(1), T. Aoki(2), Y. Mera(3), K. Yagi(4), M. Chino(5), H. Hattori(6)	(1)Shin Nippon Biomedical Laboratories, Ltd., (2)Eisai Co., Ltd., (3)Zeria Pharmaceutical Co., Ltd., (4)Taisho Pharmaceutical Co., Ltd., (5)Ina Research Inc., (6)Daiichi Pharmaceutical Co., Ltd.
Collaborative study to establish immunotoxicology evaluation procedures for pharmaceuticals using haloperidol	A. Hisatomi(1), M. Nagata(2), H. Atai(3), J. Kawahara(4), N. Wada(5), S. Hisada(6)	(1)Fujisawa Pharmaceutical Co., Ltd., (2)Shionogi & Co., Ltd., (3)Mitsubishi Chemical Safety Institute Ltd., (4)Kirin Brewery Co., Ltd., (5)Aventis Pharma Ltd., (6)Teikoku Hormone Mfg. Co., Ltd.
Collaborative study to establish immunotoxicology evaluation procedures for pharmaceuticals using diphenylhydantoin	Tadashi Kosaka(1), Kenji Naohara(2), Shuji Ishizuka(3), Yumiko Tsujimura(4), D. Mukai(5)	(1)Institute of environmental toxicology, (2)Dainippon Pharmaceutical Co., (3)SSP Co., (4)Pfizer Pharmaceutical Inc., (5)Biosafety Research Center
Symposium		
Immunotoxicity due to medicine and chemical substances in clinical cases - Dermatology filed -	E. Tanabe	Department of Dermatology, Sakura Hospital, Toho University School of Medicine
Immunotoxicity due to medicine and chemical substances - Respiratory Diseases -	Hiroshi Kimura	Department of Chest Medicine, Chiba University School of Medicine
Liver dysfunction caused by various drugs	O. Yokosuka	Department of Medicine, Chiba University School of Medicine
Adverse effects of drugs on blood cells and hematopoiesis	T. Iseki	Division of Molecular Therapy, Advanced Clinical Research Center, The Institute of Medical Science, The University of Tokyo
Drug induced nephropathies - Clinical cases-	S. Ueda(1), M. Ogawa(2), Y. Makino(2), S. Hasegawa(2)	(1)Dept of Drug Information and Communication, Graduate School of Pharmaceutical Sciences, Chiba University, (2)The First Dept. of Internal Medicine, School of Medicine, Chiba University

General Presentation

Analysis of immunological biomarkers from toluene diisocyanate-sensitized miceI humoral immunity responses(productivity of antibodies)	T. Shindo(1), Y. Kanazawa(1), M. Furuya(1), K. Kojima(1), R. Teshima(2), H. Okunuki(2), J. Sawada(2), K. Takahashi(3), M. Ohsawa(3), T. Yoshida(4)	(1)Hatano Research Institute, Food and Drug Safety Center, (2)Department of Biochemistry and Immunochemistry, National Institute of Health Sciences, (3)Faculty of Pharmaceutical Sciences, Teikyo University, (4)Asahikawa Medical College
Analysis of immunological biomarkers in toluene diisocyanate-sensitized mice. (2) Composition and function of T lymphocytes	M. Ohsawa(1), F. Otsuka(1), T. Yoshida(2), T. Kinoue(3), T. Shindo(4), Y. Kanazawa(4), K. Kojima(4), J. Sawada(5)	(1)Faculty of Pharmaceutical Sciences, Teikyo University, (2)Asahikawa Medial College , (3)School of Medicine, Tokai University, (4)Food and Drug Safety Center, (5)National Institute of Health
Application of the mouse popliteal lymph node assay to immunotoxicological evaluation of drugs	T. Kimura(2), T. Aida(2), K. Nagami(1), K. Watanabe(1), K. Tanaka(1), H. Irie(1), M. Yokota(1), A. Suda(1), K. Nakamura(1)	(1)Immunotoxicology Working Group, Preclinical Evaluation Subcommittee, Drug Evaluation Committee, Japan Pharmaceutical Manufacturers Association; (2)Sankyo Co., Ltd.
Lymphocyte subset analysis in popliteal lymph node assay (PLNA)	T. Aida, K. Muramatsu, M. Ajioka, T. Kimura	Medical Safety Research Laboratories, Sankyo Co., Ltd.
Flow cytometric analysis of bromodeoxyuridine incorporated cells in the murine local lymph node assay	N. Tsutsui, S. Mochiduki, J. Soejima	Toxicology Laboratory, Yokohama Research Center, Mitsubishi-Tokyo Pharmaceuticals, Inc.
Local lymph node assay with non-radioactive alternative endpoints	Masahiro Yamashita(1), Akiko Suda(2), Mitsuyuki Tabei(1), Hans-Werner Vohr(1), Naohisa Tsutsui(1), Ritsuyoshi Suzuki(1), Katsuaki Kikuchi(1), Kouki Mochizuki(1), Kazuichi Nakamura(1)	(1)Immunotoxicology Working Group, Preclinical Evaluation Subcommittee, Drug Evaluation Committee, Japan Pharmaceutical Manufacturers Association; (2)Taisho Pharmaceutical Co., LTD.
Evaluation of immune-disrupters' effects on fetal thymus proliferation and differentiation in fetal thymus organ culture system	J. Soejima, I. Hosokawa, S. Mochiduki, N. Tsutsui	Toxicology Laboratory, Yokohama Research Center, Mitsubishi-Tokyo Pharmaceuticals, Inc.
Reproductive immunotoxicity of the endocrine disruptors on rat	N. Naukura, Y. Shinozaki, A. Hasegawa, T. Nakamura, S. Yano, K. Ueno	Department of Molecular Pharmacology and Pharmacothreapeutics. Graduate School of

		Pharmaceutical Sciences, Chiba University
Immunotoxicological effects of endocrine disrupting chemicals on mouse lymphocytes blastformation and the involvement of the estrogen receptor	F. Sakazaki, K. Ueda, F. Kurashima, D. Shiota, H. Ueno, K. Nakamuro	Division of Environmental Health, Faculty of Pharmaceutical Sciences, Setsunan University
Apoptotic cell death induced by an asbestos, chrysotile B: Analysis using human lymphoid cell lines and trial to establish chrysotile B-resistant subline	T. Otsuki(1), H. Sakaguchi(1), M. Uno(2), Y. Matsuo(3), A. Tomokuni(1), F. Hyodoh(1), Y. Isozaki(1), A. Ueki(1)	(1)Dept. Hyg., & (2)Radiat. Oncol., Kawasaki Med. Sch., Kurashiki, (3)Fujisaki Cell Center, Hayashibara Biochem. Lab., Okayama
Cell death suppression factors in tolerance manifestation of organotin-induced thymus atrophy	H. Suzuki(1), Y. Ohtani(1), M. Murayama(1), C. Ono(1), C. Yamaguchi(1), Y. Arakawa(1), T. Takeuchi(2), Y. Nakano(2), H. Nakashima(3)	(1)Dept. of Hygiene & Preventive Medicine, Faculty of Health Sciences, The University of Shizuoka, (2)Research Reactor Institute, Kyoto University, (3)Ohsaka Prefectural Institute of Public Health
Immunotoxicological effects of environmental chemicals I.- Fly ash extracts from municipal waste incinerator-	Y. Kanazawa(1), H. Yoshino(2), T. Shindo(1), M. Furuya(1), R. Ohta(1), K. Kojima(1)	(1)Hatano Research Institute, Food and Drug Safety Center, (2)Division of Environmental Engineering, Kanagawa Environmental Research Center
Immunosuppressive effect of aristolochic acid I, II in inbred mice	H. Asai, N. Sato, S. M. Chen, T. Kawanabe, M. Manabe, S. Yamagata, M. Mochizuki, S. Ueda	Drug Information and Communication, Faculty of Pharmaceutical Sciences, Chiba University
Does not the secretory IgA against Japanese Cedar Pollen be induced during Pollen Season in spring?	S. Tsujita, K. Morimoto	Dept. of Social and Environmental Medicine, Osaka University Graduate School of Medicine
Evaluation of allergenic components in buckwheat and its products. Antigenicity tests in guinea pigs and ELISA	K. Kojima(1), Y. Kanazawa(1), T. Shindo(1), Y. Iijima(2)	(1)Hatano Research Institute, Food and Drug Safety Center, (2)Final Product Development Division, Sakuma Confectionery Co., Ltd.
Predisposition and preceding factors of "occupational allergy in doctors" in medical students	K. Sato, Y. Kusaka	Dept. of Environmental Health, School of Medicine, Fukui Medical University
Effect of TCDD on immune response in NC/Nga mice	H. Fujimaki, K. Nohara	National Institute for Environmental Studies
Protective effects of Ro 40-8757 on immunotoxicities	T. Inoue, I. Horii	Dept. of Preclinical Science, Nippon Roche Research

induced by cyclophosphamide		Center
Modulating effects of indomethacin and pentoxifylline on TNF production	Mamoru Inoue, Kohki Mochizuki, Junichi Yoshida	Safety Research Department, Central Research Laboratories, Kaken Pharmaceutical Co., Ltd.
Study on iodine allergy 1. Specificity of antigen recognition of anti-iodine antibody and generation of iodinated protein from inorganic and organic iodine containing chemicals	H. Shionoya, Y. Sugihara, K. Okano, F. Sagami, K. Mikami, K. Katayama	Eisai Tsukuba Research Laboratories, Eisai Co., Ltd.
Study on iodine allergy 2. Characteristics of adverse reactions to contrast media in relation to iodinated self protein antigen hypothesis and development of a skin diagnostic agent of iodine allergy devoid of sensitizing antigenicity	Y. Sugihara, H. Shionoya, K. Okano, F. Sagami, T. Mikami, K. Katayama	Eisai Tsukuba Research Laboratories, Eisai Co., Ltd.