Annual Meeting

The 10th Annual Meeting of JSIT

2003.9.25-26.
Greenhall Sagamiono (Sagamihara)
President: Hiroshi Hojo (Showa Pharmaceutical University)

Special Lecture

The interaction between genetic and environmental factors ; allergy as a model of common disorders ?	Taro Shirakawa	Department of Health Promotion and Human Behaviour , Kyoto University School of Public Health

memorial Symposium

Progress and problem of immunotoxicological research. −From analytical stage to Mechanism-based stage−	Jun-ichi Sawada	Division of Biochemistry and Immunochemistry, National Institute of Health Sciences
	Hiroshi Hojo	Department of Hygienic Chemistry, Showa Pharmaceutical University

Kenote Lecture	Development and Future Perspective of Immunotoxicological Research … From the Analytical Stage to the Mechanism - based Stage	Motoyasu Ohsawa	Department of Toxicology and Environmental Health, Faculty of Pharmaceutical Science, Teikyo University, Sagamiko, Kanagawa, Japan

Animal models for food allergy and the evaluation of allergenicity	Reiko Teshima	Division of Biochemistry and Immunology, National Institute of Health Sciences
Toxicological Evaluation of Environmental Chemicals utilizing Animal model.	Hidekazu Fujimaki.	Environmental Health Sciences Division, National Institute for Environmental Studies
Molecular toxicological approach for immunotoxicity evaluation in drug development … Introduction of toxicopanomics(toxicogenomics、 toxicoproteomics, metabonomics) to immunotoxicological science …	Ikuo Horii	Worldwide Safety Sciences, Global Research & Development, Pfizer Inc.

Symposium <1>

Chemical Sensitivity	Fujio Kayama	Center for Community Medicine, Division of Environmental Medicine, Jichi Medical School, Tochigi, Japan

	Kou Sakabe		Environmental Health Center, The Kitasato Institute, Kitasato University, Tokyo, Japan
Immunological effects by formaldehyde - Experimental evaluation by using mice -	Takahiko Yoshida		Department of Health Science, Asahikawa Medical College, Asahikawa, Japan
Behavioural change in the pups produced by perinatal low concentration formaldehyde	Hiroyuki Aikawa		Department of Basic Clinical Science and Public Health, Tokai University School of Medicine, Knagawa, Japan
The Role of " Neuro - Endoocrine - Immune " Axis in Chemical Sensitivity	Kou Sakabe		Environmental Health Center, The Kitasato Institute, Kitasato University, Tokyo, Japan
Symposium <1>			
Toxicity assessment and side effect of biomedicine	Organizer	Shiro Ueda	Department of Drug Information and Communication, Graduate School of Pharmaceutical Sciences, Chiba university, Chiba, Japan
		Michihito Takahashi	Showa University, School of Pharmaceutical Sciences
Non - clinical experiments and clinical trials of new biologics in Japan	Tamiko Suzuki - Nishimura		The Organization for Pharmaceutical Safety and Research (OPSR)
Complications of interferon therapy and their managemant	Osamu Yokosuka		Department of Medicine and Clinical Oncology Graduate School of Medicine, Chiba University, Chiba, Japan
Efficacy and adverse reactions of anti -TNF - α monoclonal antibody in the treatment of rheumatoid arthritis	Shiro Ueda		Department of Drug Information and Communication, Graduate School of Pharmaceutical Sciences, Chiba university, Chiba, Japan
Workshop <1>			
International harmony of immunotoxicological evaluation method concerning medicine	Organizer	Kazuichi Nakamura	Developmental Research Laboratories, Shionogi & Co., Ltd., Osaka, Japan
Guidance for Immunotoxicity Testing (Draft) and ICH.	Jun-ichi Sawada		Division of Biochemsitry and Immunochemistry, National Institute of

		Health Sciences, Tokyo, Japan
ICH Immunotoxicology Survey	Shigeru Hisada	Safety & Pharmacokinetics Research Department, Teikoku Hormone Mfg., Co. Ltd.
Workshop <2>		
Problems in the evaluation methods for antigenicity	Organizer Eiji Maki	Research & Development Division, Janssen Pharmaceutical K. K.
The controversial point of antigenicity test in development of medicines	Eiji Maki	Research & Development Division, Janssen Pharmaceutical K. K.
Usefulness of Mouse Popliteal Lymph Node Assay as an Allergenicity Test.	T Aida, T Kimura	Medicinal Safety Research Laboratories, Sankyo Co., Ltd
General Oral Presentation		
Role of GSH in Arsenicals - Induced Immnotoxicity	Teruaki Sakurai, Kitao Fujiwara.	Laboratory of Environmental Chemistry, School of Life Science, Tokyo University of Pharmacy and Life Science
Effect of inorganic arsenic exposure from the before mating on the immune system of mouse offspring.	T. Itoh (1) T. Yoshida Y, Nakagi (1), K Nakai (2), C. Watanabe (3), H. Yamauchi (4) H. Satoh(2)	Asahikawa Medical College, (2) Tohoku University, (3) University of Tokyo, (4) St. Marianna University
Metal - induced histomorphological injury and the alterations in the amounts and proportion of unsaturated disaccharides of glycosaminoglycan derived from proteoglycan.	Yasuaki Arakawa (1), Kanako Nishimura (1), Toshio Imanari (2)	(1)Department of Hygiene & Preventive Medicine, Faculty of Health Science, The University of Shizuoka, (2) Department of Analytical Chemistry, Faculty of Pharmaceutical Science, The University of Chiba.
Beneficial effects of a milk drink fermented by lactic acid bacteria on NK cell activity in healthy human subject s with smoking habit	M , Nanno . (1), Y, Matshuoka(2), T, Takeshita(2). , K , Morimoto (2)	(1)Yakult Central Institute for Microbiological Research, (2)Osaka University Graduate School of Medicine Faculty of Medicine
(+)-Catechin protects against myelotoxicity in mice treated with 5-fluorouracil.	Fumihide Takano (1), Tomoaki Tanaka (2), Jiro Aoi (2), Nobuo Yahagi (2), Shinji Fushiya (2)	(1) Departmennt of Chemistry and Pharmacognosy, Faculty of Pharmaceutical Science, Kanazawa

		University, (2) Experimental Station for Medicinal Plant Studies, Graduate School of Pharmaceutical
Effects of a Statin, simvastatin, on human myeloma cells	T Otsuki , H Sakaguchi, T Hatayama , A Takata , F Hyodoh	Dept . Hyg ., Kawasaki Med . Sch . Kurashiki, Japan
Murine Food Allergy Model with Oral Sensitization and Oral Challenge (1)	Yukiko Kanazawa (1), Tomoko Shindo (1), Yoshiaki Saito (1), Kenji Usumi (1), Kohichi Kojima (1), Reiko Teshima (2)	(1) Hatano Reseach Institute, Food and Drug Safety Center, Kanagawa,Japan, (2) Division of Biochemistry and Immunochemistry, National Institute of Health Sciences, Tokyo, Japan
Murine Food Allergy Model with Oral Sensitization and Oral Challenge (2) - Observation of Small Intestine as a Specific Parameter -	Tomoko Shindo (1), Yukiko Kanazawa (1), Yoshiaki Saito (1), Kenji Usumi (1), Kohichi Kojima (1), Reiko Teshima (2)	(1) Hatano Research Institute, Food and Drug Safety Center , Kanagawa, Japan, (2) Division of Biochemistry and Immunochemistry, National Institute of Health Sciences, Tokyo Japan
Effect of the phosphodiesterase Ⅳ inhibitor rolipram on Th 1/Th 2 immune responses	Kouya Yamaki, Xiaojuan Li, Shin Yoshino	Department of Pharmacology, Kobe Pharmaceutical University
Effects of chlorinated organic solvent on type I allergic reaction	Makoto Seo, Koji Ikeda, Takeo Yamagiwa, Tadayoshi Ikemoto, Masahiko Sato and Hisamitsu Nagase	Laboratory of Hygienics, Gifu Pharmaceutical University, Gifu, Japan
Identification of tissues producing IL-6 in rats treated i. p. with carbon tetrachloride	Kenzaburo Yamadi (1), Miho Aoki (1), Ryoji Zuinen (1), Junko Ito (1.2), Mitsune Yamaguchi (1), Toshiyuki Chikuma (1), Hiroshi Hojo (1)	(1) Department of Hygienic Chemistry, Showa Pharmaceutical University., (2)Laboratory of Biochemisry, Sagami Women's University
Immunotoxicity of di-2-ethylhexylphthalate (DEHP) in rodents	S. Ohara (1.2), K . Ueno (1) and T . Takezawa (2)	(1)Geriatric Pharmacology and Therapeutics, Graguate School of Pharmaceutical Sciences, Chiba University, (2)Laboratory of Animal Cell Biology, National Institute of Agrobiological Sciences

17 β-Estradiol enhances mouse contact sensitivity	Humitoshi Sakazaki, Kazunori Fujii, Yasunori Ishikawa, Sayaka Kodama, Hitoshi Ueno and Katsuhiko Nakamuro	Department of environmental health, Faculty of Pharmaceutical Sciences, Setsunan University
Sensitizer in conformity with globally harmonized system of classification and labelling of chemicals (provisional list)	K. Sato, Y. Kusaka	Department of Enviromental Health, School of Medicine, Fukui Medical University
General Poster Presentation		
Effect of dialkyl phthalates on the activation of mast cells	Ryosuke Nakamura, Haruyo Okunuki, Yoshiro Saito, Reiko Teshima, Jun-ichi Sawada	Division of Biochemistry and Immunochemistry, National Institute of Health Sciences.
Evaluation of the effectiveness of rat peripheral lymphocytes phenotyping	Satoko Kakiuchi, Hideshi Kaneko, Kimiko Jonouchi, Sachiko Ohara, Natsuki Kitaima, Yoshimi Sato, Azusa Tamura, Daishiro Miura, Yoshinori Kasahara	Safety research department, Pharmaceuticals development research laboratories, Teijin Limited
The influence of mental stress on serum albumin in mouse	Nobuhiro Goi et al	University of Shizuoka, Aichi Medical University and Osaka Pref. Institute of Public Health
Historical date of anti - SRBC antibody titers in wistar rats	Koichi Hayashi, Tadashi Kosaka, Yukiko Takeuchi, Sayaka Ishimine, Tsutomu Matsumoto, Hideaki Fujie, Yasufumi Shutoh and Takanori Harada	Institute of environmental toxicology
The apoptosis induced by tributyltin (TBT) chloride in murine macrophage cells in vitro	Masashi Tsunoda (1), Ken Nakano (2), Nobuhiro Konno (3)	(1)Department of Pubulic Health, School of Medicine, Fukushima Medical University, (2)Fukushima Institute of Public Health, (3)Koriyama Women's University & College
Differential effects of resveratrol on apoptosis of spleniclymphocytes	Jianhong ZHAO(1)(2), Yukitomo Arao(1)(2), Kazuhiro Ikeda(1)(2), Atsumi Kikuchi(1)(2), Fujio Kayama(1)(2)	(1) Division of Environmental Immunology and Toxicology, Department of Health Science , Jichi Medical School, (2)CREST, Japan Science and Technology Corporation
Degradation of glyceraldehyde-3-phosphate dehydrogenase induced by 4-hydroxy-2-nonenal	Yukihiro Tsu c hiya, Mitsune Yamaguchi, Kayoko	Department of Hygienic Chemistry, Showa

and acrylonitrile, and distribution of its degradation enzyme in mononuclear cells	Hishinuma,Atsushi Shimada, Toshiyuki Chikuma, Hiroshi Hojo	Pharmaceutical University
Respiratory sensitization studies of 2 agricultural chemicals by using a challenge phase-added mouse IgE test	Hideo Ueda, Tadashi Kosaka, Koichi Hayashi, Koichi Ebino, Shoji Teramoto	Institute of Environmental Toxicology
Analysis of responsible factors for changes in tissue concentration of zinc	Masao Sato (1), Minoru Higashimoto (1), Miwa Yanaga (1), Masafumi Takiguchi (1), Masuo Kondoh (2), Shinya Suzuki (1)	(1)Tokushima Bunri University, Faculty of Pharmaceutical Sciences, (2)Syowa Pharmaceutical University
Alteration of type 1 and type 2 cytokine levels in the peripheral blood during the juvenile period	F. Otsuka (1), S. Sasamoto (1), K. Takahashi (1), T. Yoshida (2) and M. Ohsawa (1)	(1)Dept. Toxicol. Environ. Health, Fac. Pharmaceutical Sci. , Teikyo University, (2)Department of Hygiene, Asahikawa Medical College
Effects of low doses of dioxin on immune response	K. Inouye (1,2), X. Pan (1,3), N. Imai (4), C. Tohyama (1,3), and K. Nohara (1,3)	(1)Environmental Health Sciences Division, National Institute for Environmetal Studies; (2)Domestic Research Fellow, JSPS; (3)CREST, JST; (4)Safety research Group 3, Shin Nippon Biomedical Laboratories, Ltd.
Growth inhibition in Jurkat T cells having a constitutively active aryl hydrocarbon receptor	T. Ito (1,2), S. Tsukumo (1,2), M. Yamamoto (2,3), H. Motohashi (3), N. Suzuki (3), Y. Fujii - Kuriyama (2,3), J. Mimura (3), C. Tohyama (1,2), K. Nohara (1,2)	(1)National Institute for Environmental Studies, (2)CREST, JST, (3)TARA Center, University of Tsukuba.
Inhibitory effect of feeding β-carotene on type I allergy in mice	Y. Sato(1) , H. Akiyama(1), T.Watanabe, (1), M.H. Nagaoka(1), H. Suganuma(2), T. Inakuma(2), T. Maitani(1)	(1)National Institute of Health Sciences, (2)Research Institute, Kagome Co. Ltd
Development of a modified local lymph node assay with non - radio isotopic endpoint and application to risk assessment of chemicals	Yamashita K. , Idehara K.	Daicel Chemical Industries, LTD.