

Annual Meeting

The 11th Annual Meeting of JSIT

2004 Conference on Immunotoxicology and Environmental Allergology in Fukui

2005.9.10-11. Fukui International Activities Plaza (Fukui)

President: Yukinori Kusaka (School of Medicine, University of Fukui)

Plenary Lecture <1>

Nanoparticles : a new frontier in particle toxicology	Professor Ken Donaldson, BSc, PhD, DSc, CBiol, FIBiol, FRCPATH, FFOM	Professor of Respiratory Toxicology, ELEGI Colt Laboratory, Centre for Inflammation Research, Medical School, University of Edinburgh, UK.
--	---	---

Plenary Lecture <2>

Environment and Nasal Allergy	Prof. S. Fujieda	Fukui Medical University, Fukui, Japan
----------------------------------	------------------	---

Mini Lecture

Comparison of the effect of contact sensitizers and chemical - sensitivity inducing substances using cDNA array analysis	Yumiko Nakano	Osaka Prefectural Institute of Public Health
--	---------------	---

Symposium <1>

Development of guidelines for caring and preventing hazards due to sensitizing chemicals according to a globally harmonized system of classification and labeling of chemicals (GHS)	Organizer Atsushi Ueda Kou Sakabe	Preventive and Environmental Medicine, Faculty of Medical and Pharmaceutical Sciences, Kumamoto University Department of Public Health, Kitasato University School of Pharmaceutical Sciences
Globally Harmonized System of classification and labeling of chemicals (GHS) (GHS) ; About the classification standard of the chemical and the compound based on influence on health and the environmental impact	Muneyuki Miyagawa	Dep. Research Planning , National Institute of Occupational Safety and Health, Institute of Industrial Health, Japan
From clinician's (internal medicine department) standpoint	Kunio Dobashi	Department of Physical Therapy (Basic Physical Therapy), Allergy - Respiratory Medicine, Gunma University Faculty of Medicine School of Health Sciences
Skin disorders with allergic chemical -- Current status	Yoko Kataoka	Department of Dermatology, Osaka Prefectural Medical

and problems of prevention and measures			Center for Respiratory and Allergic Diseases
The management of the chemical: From producer's standpoint	Saburo Nakata		The Japan Chemical Industry Association
Chemical management and GHS by citizen's participation	Shigeharu Nakachi		Environmental Monitoring Laboratory (EML), The TOxic Watch Network (T-Watch)
Sensitizer in conformity with globally harmonized system GHS (provisional list)	Kazuhiko Sato		Department of Environmental Health, School of Medicine, University of Fukui
Symposium <2>			
New Evidence from Animal MOfel for Respiratory Allergy and Nanotoxicology	Organizer	Kenzo Takaki	Nagoya University School of Medicine, School of Health Sciences
		Fujio Kayama	Center for Community Medicine, Division of Environmental Medicine, Jichi Medical School
The evaluation of cellular toxicity by using murine alveolar macrophage lineage cells	Masashi Tsunoda et al		Kitasato University, School of Medicine, Department of Preventive Medicine and Public Health, Sagamihara, Japan
Effect of intratracheal instillation of nanoparticles on chemokine protein release and mRNA expression in lung and lymph node in mice	Tin-Tin-Win-Shwe et al		National Institute for Environmental Studies, Tsukuba, Japan
Synergistic effect of ultrafine carbon particles on lipoteichoic acid-induced early pulmonary inflammation.	Shoji Yamamoto et al		Environmental Health Sciences Division, National Institute for Environmental Studies, Tsukuba, Japan
Elevated IgE to Cryptomeria japonica pollen in rats exposed to diesel exhaust during fetus	Nobue Watanabe		Department of Environmental Health and Toxicology, Tokyo Metropolitan Institute of Public Health
Improving lung function testing in animal to detect allergenicity of inhaled substances	Dr. Armin Broun		Immunotoxicology and Immunology/Allergy Dept., Immunology, Allergology and clinical Inhalation Division, Fraunhofer-Institut für Toxikologie und Experimentelle Medizin ITEM, Hannover, Germany
Workshop			
Non-RI use substitution immunotoxicity examination method: Alternative method of LLNA and NK activity measurement	Organizer	Eiji Maki	Yanssen Pharmaceutical K. K. Tokyo, Japan
		Jun-ichi Sawada	Division of Biochemistry and Immunochemistry, National

		Institute of Health Sciences, Tokyo, Japan
Pharmaceuticals Manufacturers Association joint research report concerning LLNA method	Naohisa Tsutsui	Mitsubishi Pharma Corporation
BrdU method as LLNA substitution method	Masahito Takeyoshi	Chemicals Assessment Center, Chemicals Evaluation and Research Institute
LLNA-DA method as Non-RI substitution method	Kunihiko Yamashita	Daicel Chemical Industries, Ltd.,
Flow cytometric assay of NK cell function using fluorescence method and its relationship to phenotyping	Seiji Shibata, Shigeru Hisada	Safety & Pharmacokinetics Research Department, Teikoku Hormone Mfg.Co., Ltd., Kawasaki, Japan
Natural killer cell activity uses fluorochrome	Ngata M, Kanasaki K, Nakamura K	Developmental research Laboratories, Shionogi & Co., Ltd., Osaka, Japan
General Presentation		
Examination of T cell dependent antigen in antibody production measurement	Nagata M, Nakamura K	Developmental research Laboratories, Shionogi & Co., Ltd., Osaka, Japan
Improvement of an enzyme linked immunosorbent assay (ELISA) using whole sheep red blood cell.	Ai Minakawa et al	Tsukuba Safety Assessment Laboratories, Banyu Pharmaceutical Co.,Ltd., Ibaragi, Japan
Improved whole SRBC-ELISA method for detection of primary antibody response to SRBC in rats	Hiroshi Watanabe et al	Tsukuba Safety Assessment Laboratories, Banyu Pharmaceutical Co.,Ltd., Ibaragi, Japan
Development of a modified LLNA with non-radio isotopic endpoint.	Kenji Idehara et al	Daicel Chemical Industries, LTD
Evaluation of the performance of LLNA-DA with known dermal sensitizers.	Kenji Idehara et al	Daicel Chemical Industries,LTD.
An estimable method of skin sensitization test for metallic medical devices	Yukiko Kanazawa	Food and Drug Safety Center, Kanagawa, Japan
Murine Food Allergy Model with Oral Sensitization and Oral Challenge(3)	Tomoko Shindo et al	Hatano Research Institute, Food and Drug Safety Center, Kanagawa, Japan
Effects of indomethacin administered in late-gestation on the development of immune system in rat pups.	Kiyoshi Kushima, Kenji Hoshino	Safety Research Laboratories, Yamanouchi Pharmaceutical Co.,Ltd.
Effects on immune-response to SRBC-antigen in the immature rats exposed to methoxychlor during the	Koichi Hayashi, Tadashi Kosaka, Yukari Tajima, Hideaki Fujie, Tsutomu Matsumoto, Yasufumi	Institute of Environmental Toxicology, Ibaragi, Japan

prenatal and postnatal period.	Shutoh and Takanori Harada	
Soy-diet accelerates proteinuria in autoimmune MRL/Mp-lpr/lpr mice	Zhao Jian-Hong, Sun Su-Ju, Kayama Fujio	Department of Environmental Medicine, Center for Community Medicine, Jichi Medical School, Tochigi, Japan
Alternation of IL-10 production in chrysotile-B-resistant human polyclonal T cell line MT-2	Yoshie Miura et al	Department of Hygiene, Kawasaki Medical School, Okayama, Japan
Apoptosis-inducing effect of asbestos (chrysotile) on human T cell line (MT-2) and cellular biological changes in sub-line of MT-2, which acquired resistance to chrysotile-induced apoptosis by long-term and low-dose exposure to chrysotile	Takemi Otsuki et al	Department of Hygiene, Kawasaki Medical School, Okayama, Japan
A case of occupational asthma due to import wood white ash.	Hitoshi Kobayashi	The Third of Internal Medicine, School of Medicine, Iwate Medical University, Iwate, Japan
Occupation dog allergy	Atsushi Usami	Tokai Pollen Institute
Development of rhinitis and asthma in occupation allergy	Atsushi Usami	Tokai Pollen Institute
Assessment of the skin sensitization potential of isocyanates and epoxy compounds using the modified non-RI local lymph node assay.	Kenji Idehara	Daicel Chemical Industries, Ltd.
Airway Inflammatory and Immunological Events in a Rat Model Exposed to Toluene Diisocyanate	Kui-Cheng Zheng	Department of Environmental and Preventive Medicine, School of Medicine, University of Ryukyu, Okinawa, Japan
Hypersensitivity of mice induced by diisocyanate- Suppressive effects by fasting-	Nobuhiro Nishio et al	Department of Hygiene, Kansai Medical University, Osaka, Japan
A case of tunneling worker with isocyanate induced asthma	Kenji Tsushima et al	First Department of Internal Medicine, Shinshu University School of Medicine, Nagano, Japan
Three cases of occupational allergic dermatitis due to epoxy resin	Ichiro Hara, Kaoru Mitsuya	Osaka Occupational Health Promotional Center, Osaka, Japan
Importance of allergic, immunological management in office that causes occupation allergy	Susumu Nakamura	Oita University, Oita, Japan

Th1/Th2 balance in mice exposed to Tributyltin oxide	Kazuo Takahashi et al	Department of Environmental Immuno-Dermatology, Yokohama City University Graduate School of Medicine, Yokohama, Japan
Immunodisruptive effects of arsenic on macrophage generation from human peripheral blood monocytes	Teruaki Sakurai et al	Laboratory of Environmental Chemistry, School of Life Science, Tokyo University of Pharmacy and Life Science, Tokyo, Japan
Effect of dimethyl2,2-dichlorovinyl phosphate (DDVP) on perforin, granzyme A and granulysin in human NK-92CI cell line	Qing Li et al	Department of Hygiene and Public Health, Nippon Medical School, Tokyo, Japan
Fundamental studies on effects of 17 β -estradiol on mouse contact dermatitis.	Humitoshi Sakazaki et al	Development of Environmental Health, Faculty of Pharmaceutical Sciences, Setsunan University
The analysis of Major chemical components of the Japanese ginger and their primary irritation	Qingjun Wei	Department of Environmental and Preventive Medicine, Graduate School of Medical Sciences of Kumamoto University, Kumamoto, Japan
Survey of food-and inhaled-allergen specific IgE antibody in the sera of children aged three years	Reiko Teshima et al	National Institute of Health Sciences, Tokyo, Japan
Association of allergic diseases with serum lipid profile and inflammatory markers among healthy workers	Takaaki Kondo et al	Nagoya University School of Health Sciences, Nagoya, Japan
Evaluation of DNA extraction methods from house dust for the quantitative detection of fungi using real-time PCR analysis	Yasuo Takeuchi et al	Clinical research Center for Allergy and Rheumatology, National Hospital Organization Sagamihara National Hospital
A case of hypersensitivity pneumonitis that was present in Shiitake cultivator	Takashi Mouri et al	The third department of internal medicine, school of medicine, Iwate Medical University, Iwate, Japan
A case of hypersensitivity pneumonitis induced by <i>Trichoderma viride</i>	Kitsukawa Y et al	Pulmonary Medicine & Clinical Immunology, Dokkyo University School of Medicine, Toshigi, Japan
Indoor allergen survey in the houses of student in the veterinary medicine	Akiemi Saito et al	Clinical Research Center for Allergy and Rheumatology, National Hospital Organization Sagamihara National Hospital

Cohortostadi of School of Medicine, University of Fukui Fukui of doctor's occupational allerg	Kato et al	Department of Environmental Health, School of Medicine, University of Fukui, Fukui, Japan
Pathogenesis of seasonal allergic rhinitis under natural allergen provocation	Kato M et al	Department of Environmental and Preventive Medicine, Graduate School of Medical Science, Kanazawa University, Ishikawa, Japan
Epidemiology of the allergic rhinitis in Taxi Driver	Nobuyasu Gama	Dokkyo University school of Medicine, Otolaryngology
Epidemiology of pollinosis in middle aged population of a village and a city in Gunma, Japan, related to their lifestyle factors	Yuriko Hashimoto et al	Tokyo University of Social Welfare, Tokyo, Japan
Clinical Study on Sick House Syndrome and Atopic Dermatitis, with Special Reference to Neuro-Ophthalmological Analysis	Takako Matsui et al	Environmental Medical Center, Kitasato Institute Hospital, Tokyo, Japan
Luncheon Seminar 1		
Drug immunogenicity in non-clinical studies	Dr. Mark Wing	Head of Experimental Biology, Senior Immunologist, Huntingdon Life Science Ltd.
Luncheon Seminar 2		
Preclinical and clinical studies on pharmaceuticals and biopharmaceuticals (including an introduction of the Fraunhofer ITEM)	Prof. Uwe Heinrich	Director, Fraunhofer-Institut fur Toxikologie und Experimentelle Medizin ITEM , Hannover, Germany
Immunotoxicology in the respiratory tract	Dr. Armin Broun	Immunotoxicology and Immunology/Allergy Dept., Immunology, Allergology and clinical Inhalation Division, Fraunhofer-Institut fur Toxikologie und Experimentelle Medizin ITEM , Hannover, Germany