

2022 International Symposium of Precision Environmental Medicine- Endocrine Disrupting Chemicals and Health

Friday, October 14, 2022

8:30 am - 9:00 am **Registration** Emcee : Dr. Yi-Chuan Chen

9:00 am - 9:20 am **Opening Remarks**

9:20 am - 10:30 am **Moderator** : Dr. Yue-Liang Guo, Dr. Ming-Tsang Wu

9:20 am - 9:55 am **Environmental Endocrine Disruption of Brain and Behavior**

Dr. Andrea C. Gore

Division of Pharmacology and Toxicology, The University of Texas at Austin, Austin, USA

9:55 am -10:30 am **Human Exposure to Environmental Chemicals using Biomonitoring: Examples from the National Health and Nutrition Examination Survey (NHANES)**

Dr. Antonia Calafat

National Center for Environmental Health, Centers for Disease Control and Prevention, Atlanta, USA

10:30 am -10:35 am **Group Photo**

10:35 am - 10:50 am **Coffee Break**

10:50 am - 12:00 am **Moderator** : Dr. Ching-Chang Lee, Dr. Chia-Yang Chen Emcee : Dr. Yu-Chuan Yen

10:50 am - 11:25 am **Recent Human Biomonitoring Results from the Canadian Health Measures Survey**

Dr. Annie St-Amand

National Biomonitoring Environmental Health Science and Research Bureau (EHSRB), Healthy Environments and Consumer Safety Branch Health, Canada

11:25 am - 11:45 am **Current Status and Prospects on the Management of Endocrine Disruptors in Taiwan**

Dr. Chun-Sheng Wu

Toxic and Chemical Substances Bureau, Environmental Protection Administration, Taiwan

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11:45 am - 12:05 pm **Studies on The Effect of Pesticides on Reproductive and Developmental Toxicity and Endocrine Disrupting Activity in Rats**
 Dr. Shui-Yuan Lu
 Taiwan Agricultural Chemicals and Toxic Substances Research Institute, Council of Agriculture, Executive Yuan, Taiwan

12:05 pm - 1:50 pm Lunch / 12:30-13:50 Poster Presentations & Discussion

1:50 pm - 3:00 pm Moderator : Dr. Mei-Lien Chen, Dr. Bing-Fang Hwang Emcee : Dr. Tsung-Lin Tsai

1:50 pm - 2:25 pm **Aerosol Oxidative Potential Monitoring System and Chemically Resolved Oxidative Potential of PM_{2.5} from Different Sources in Taiwan**

Dr. Kai Hsien Chi

Institute of Environmental and Occupational Health Sciences, National Yang Ming Chiao Tung University, Taiwan

2:25 pm - 3:00 pm **Transgenerational Epigenetic Inheritance: Focus on Endocrine Disrupting Chemicals and Male Reproductive Hazards**

Dr. Ping-Chi Hsu

Department of Safety, Health and Environmental Engineering, National Kaohsiung University of Science and Technology, Taiwan

3:00 pm -3:15 pm **Coffee Break**

3:15 pm - 4:45 pm **Kaohsiung Chang Gung Memorial Hospital Presentation**

Moderator : Dr. Wen-Chin Lee

National Health Research Institutes Presentation

Moderator : Dr. Pinpin Lin

3:15 pm - 3:35 pm **The Compositions of OPFRs and Their Metabolites in Adults and Children in Taiwan**

Dr. Hsiu-Yung Pan /Department of Emergency Medicine, Kaohsiung Chang Gung Memorial Hospital, Taiwan

Phthalate Exposure Exacerbates Metabolic Disorders in Diet-induced Obese Mice

Dr. Tsui-Chun Tsou /National Institute of Environmental Health Sciences, National Health Research Institutes, Taiwan

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3:35 pm - 3:55 pm	Relationship between Renal Impairment and Exposure to Organophosphate Flame Retardants (OPFRs) in Patients with Chronic Kidney Disease: Analysis of A Taiwanese Cohort Dr. Kai-Fan Tsai /Nephrology Division, Kaohsiung Chang Gung Memorial Hospital, Taiwan	Tumor-Promoting Effects of Estrogen and Cigarette Sidestream Smoke on Lung Adenocarcinoma Dr. Lih-Ann Li /National Institute of Environmental Health Sciences, National Health Research Institutes, Taiwan
3:55 pm - 4:15 pm	Impact of Organophosphate Flame Retardants (OPFRs) and Its Derivatives in Lung Cancer Patients Dr. Bo-Lin Pan /Occupational Medicine, Kaohsiung Chang Gung Memorial Hospital, Taiwan	Reproductive Effects in The Offspring from Environmental Pollution Dr. Shu-Li Wang /National Institute of Environmental Health Sciences, National Health Research Institutes, Taiwan
4:15 pm - 4:35 pm	Associations between Organophosphate Flame Retardants (OPFRs) and Endometrial Cancer Dr. Yu-Che Ou /Department of Obstetrics & Gynecology, Kaohsiung Chang Gung Memorial Hospital, Taiwan	Health Risk, Endocrinal and Mediation Effects of Phthalates Exposure in Taiwanese Population Dr. Po-Chin Huang /National Institute of Environmental Health Sciences, National Health Research Institutes, Taiwan
4:35 pm - 4:45 pm	Discussion	Discussion

4:45 pm - 5:00 pm **Award Ceremony**

5:00 pm - 5:10 pm **Closing Remark**
