2023 제39차 정기학술대회

The 39th Annual Meeting of KSOT/KEMS

Toxicological Sciences for Sustainable Environment

지속가능한 환경을 위한 독성 과학

Oct. 30 (Mon)~ Nov. 1 (Wed), 2023

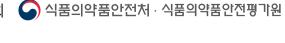
- Venue : International Convention Center Jeju, Korea

Octob <u>e</u> i	r 30, 2023 (Monday)		October	· 3
12:00-13:00	Council Meeting		09:00-09:40	PI
12:00	Registration		Halla Hall	Pla
13:20-13:40 Halla Hall	Welcome Remarks Young-Jin Chun (President of KSOT, Chung-Ang Universident of Park (Director General, National Institute of Food Jang Seong Kim (President of Korea Research Institute of President of Roman Institute Inst	d and Drug Safety Evaluation)	09:40-11:10	Ch Th
3:40-14:20 Halla Hall	Plenary Lecture I	Chairperson: Tae Cheon Jeong (Yeungnam University)		Re M Sp
	The Continuing Role of Biotransformation in Toxic F. Peter Guengerich (Vanderbilt University, USA)	cology		
4:20-15:50	Session 1: Halla Hall The Toxicity of Microplastics Chairperson: Soon-Mi Shim (Sejong University)	Session 2: (JSOT-KSOT Joint Session) Samda Hall microRNA & Xenobiotic Toxicology Chairperson: Byung-Sun Choi (Chung-Ang University)		OS Kc Al Na Sa
	14:20-14:50 The Marine Ecotoxicological Assessment of Microplastics from an Environmentally Relevant Point of View June-Woo Park (Korea Institute of Toxicology)	14:20-14:45 microRNAs As Regulators of Human Drug-Metabolizing Enzymes Masataka Nakano (Kanazawa University, Japan)		09 Sta Te Su
	14:50-15:20 Toxicological Assessment and Biodistribution of Various Orally Exposed Microplastics KilSoo Kim (KMEDI Hub, Kyungpook National	14:45-15:10 microRNAs as Biomarkers for Drug-induced Liver Injury Shingo Oda (ONO Pharmaceutical, Co., Ltd., Japan)		10 De Us Ha
	University) 15:20-15:50 Towards Sustainable Removal of Microplastics and Nanoplastics from Environmental and Food	15:10-15:30 A Transfer RNA-derived Small RNA Upregulates Gene Expression at the Level of Post-transcription and Translation Hak Kyun Kim (Chung-Ang University)		Str Us Po Joe Sa
	Matrices Guoqing Wang (Ocean University of China, China)	15:30-15:50	11:10-11:30	Co
		Prediction of Mucosal Exposome-associated Human Distress Yuseok Moon (Pusan National University)	11:30-12:10 Halla Hall	PI
15:50-16:20	Coffee Break / Poster Session			M
16:20-17:50	Session 3: Halla Hall Future Innovative Technologies	Session 4: Samda Hall Safety and Toxicity of Chemical	12:10-13:30	Lu Po
	Sponsored by NIFDS Chairperson: BeomSeok Han (Hoseo University)	Chairperson: Jeong-Yun Choi (Sungkyunkwan University)	13:30-14:00 Halla Hall	K.
	16:20-16:35 R&D Status and Future Plans of Toxicological Research Division in MFDS	16:20-16:45 Regulatory Considerations for Safety Evaluation of mRNA Vaccines		To Ki
	Il Ung Oh (National Institute of Food and Drug Safety Evaluation)	Jun-Won Yun (Seoul National University)	14:00-15:30	Se Or ar
	16:35-17:00 Al Methods for Evaluating Toxicity at the Chemical and Genetic Levels Sun Kim (Seoul National University / Mogam Institute for Biomedical Research)	16:45-17:10 A Mechanism of PHMG Hepatotoxicity: ER Stress-mediated Apoptosis Doyoung Kwon (Jeju National University)		<i>Sp</i> C1
	17:00-17:25 New Experimental Model to Study Human Drug Response Including DILI Cho-Rok Jung (Korea Research Institute of Bioscience	17:10-17:35 CMIT/MIT Mixture May Enhance Thrombotic Risk through Increased Platelet Procoagulant Activity		Ki As Hy an
	and Biotechnology) 17:25-17:50 Synthetic Biology for Innovation in	Keunyoung Kim (Kangwon National University) 17:35- 17:55 Rapid and Accurate Assessment of		In fo M
	Biomanufacturing Byung-Kwan Cho (KAIST)	Mitochondrial Dysfunction Using a Novel Toxicity Index Derived from Oxygen Consumption Rates Yoonseok Kam (Agilent Technologies, USA)		an 15 Liv Sa
17:50-18:20	General Assembly	Halla Hall		M ₂
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	October	31, 2023 (Tuesday)				
	09:00-09:40 Halla Hall	Plenary Lecture II Chairperson: Hyung-Sik Kim (Sungkyunkwan University) Planting the Seeds for Prevention of Environmental Carcinogenesis: Lessons from Field Studies in				
	Hana Han					
		China				
N. Control	09:40-11:10	Thomas W. Kensler (Fred Hutchinson Cancer Research Center, USA) Session 5: Halla Hall Session 6: Samda Hall				
	09.40-11.10	Session 5: Regulartory Application of Alternative Test Method				
		Sponsored by NIFDS, KoCVAM Chairperson: Yoonsook Lee (National Institute of Food and Drug Safety Evaluation)	Sponsored by KOSHA Chairperson: Yong Joo Park (Kyungsung University)			
		09:40-09:55	-09:40-10:05			
		KoCVAM and Regulartory Application of Alternative Test Method NamHee Kang (National Institute of Food and Drug	Inhalation Toxicity Study and GLP in Korea Jung-Taek Kwon (National Institute of Environmental Research)			
		Safety Evaluation)				
		09:55-10:20 Standardization of Organ-on-a-chip for Safety Tests Sungho Ko (CHA University)	10:05-10:25 Inhalation Toxicity Study of Sodium Nitrite Doin Jeon (Korea Environment Corporation)			
		10:20-10:45 Development of Respiratory Toxicity Testing Using an In Vitro Microphysiological Systetm Ha Ryong Kim (Korea University)	10:25-10:45 Inhalation Toxicity Study of 2-Methylfuran Yong-Soon Kim (Occupational Safety & Health Research Institute)			
		10:45-11:10 Study to Propose Alternative Test Method Using KeraSkin™ for Evaluation of Skin Irritation Potential of Medical Devices to ISO Joohwan Kim (National Institute of Food and Drug Safety Evaluation)	10:45-11:10 Development of Inhalation Toxicity Evaluation Technology Using Animal Disease Models Min-Seok Kim (Korea Institute of Toxicology)			
	11:10-11:30	Coffee Break				
	11:30-12:10 Halla Hall	Plenary lecture III Chairperson: Kyung-Chul Choi (Chungbuk National University)				
		Manganese-induced Neurotoxicity: From <i>C. elegans</i> to Humans Michael Aschner (President of SOT, Albert Einstein College of Medicine, USA)				
	12:10-13:30	Luncheon Seminar <i>Sponsored by Eurofins Discovery</i> Poster Session				
	13:30-14:00 Halla Hall					
	14:00-15:30	Session 7: Organoid Platform for In Vitro Toxicology and Drug Evaluation	Session 8: Samda Hall Young Scientist Forum			
		Sponsored by KRIBB Chairperson: Michael Lee (Incheon National University)	Chairperson: Bumseok Kim (Jeonbuk National University)			
		14:00-14:30 Kidney Organoids for in Vitro Drug Toxicity Assessment Hyun Mi Kang (Korea Research Institute of Bioscience and Biotechnology)	14:00-14:30 Development of Biosensors for the Detection of Toxicity-specific Markers Jieon Lee (Korea Institute of Toxicology)			
		14:30-15:00 In Vitro Lung Organoids: A Promising Platform for Human Respiratory Toxicity Studies Mi-Ok Lee (Korea Research Institute of Bioscience and Biotechnology)	14:30-15:00 Evaluation of Safety, Efficacy and Exposure in the Population of Chemicals Based on Quantitative Modeling Seung-Hyun Jeong (Sunchon National University)			
		15:00-15:30 Liver Organoids for Disease Modeling and Safety Assessment Myung Jin Son (Korea Research Institute of Bioscience and Biotechnology)	15:00-15:30 Standardized Method Development for Preparing Whole Cigarette Smoke Condensate (WCSC) for Toxicity Testing of Cigarette Smoke Yong-Hyun Kim (Jeonbuk National University)			
	15:30-16:00	Awards Ceremony & Closing Remarks	Halla Hall			

주최 🔕 (사)한국독성학회/한국환경성돌연변이발암원학회

Banquet





Tel: 82-2-888-3248

18:20





Ocean View Hall

November 1, 2023 (Wednesday)

Awards Ceremony & Closing Remarks

09:00-11:00 Rm. 400

Session 9: KSOT Poster of Distinction

Chairperson: Doyoung Kwon (Jeju National University)

Halla Hall

KSOT Poster of Distinction Eight awardees oral presentation