

# 2022 제38차 정기학술대회

The 38th Annual Meeting of KSOT/KEMS

# Chemical and Human Health

## 화학물질과 건강

Nov. 7 (Mon)~9 (Wed), 2022

- Venue : Gyeongju Hwabaek International Convention Center, Gyeongju-si, Gyeongsangbuk-do, Korea

### Invitation

존경하는 (사)한국독성학회/한국환경성물연변이발암원학회 회원 여러분,

항상 우리 학회 행사에 변함없이 관심을 주시고 참여해 주셔서 깊은 감사의 말씀을 드립니다.

가을의 정취가 무르익는 11월에 열리는 2022년 제38차 정기학술대회는 역사와 문화의 도시 경주에서 COVID-19 팬데믹 이후 3년 만에 전면적인 오프라인 학술대회로 개최합니다. 많은 관심과 참석을 부탁드립니다. 학회 회원 간의 화합과 학술 교류의 장이 되기를 바랍니다.

이번 학술대회는 11월 7일(월)~9일(수) 기간 동안 경주화백컨벤션센터에서 "Chemical and Human Health (화학물질과 건강)"의 주제로 국내외 최고의 연자들을 모시고 다채로운 국제 학술행사를 마련하였습니다. 기조 강연을 해주실 서울대학교 서영준 교수님과 예일대학교 Yasuko Iwakiri 교수님을 비롯하여 총 6개의 분야의 세션 및 운봉 학술 대상 수상 기념 강연, 특별 강연, 포스터 발표 등으로 구성되어 있습니다. 또한 학술상 및 우수포스터상 시상, 독성전문가 인증식 등 다채로운 학술행사와 교류의 자리가 마련됩니다.

본 학술대회의 각 세션에서는 질병에 대한 염증 미세환경 영향, 염모성분에 대한 안전성 및 위해성, 살생물제 안전성, 타겟 장기 독성, 화장품 성분의 피부 독성 및 젊은 독성학자 포럼 등으로 구성되어 화학물질의 인체 안전성 및 건강에 대한 다양한 요구를 반영하였으며, 국가신약개발재단 사업 소개 및 연구 특허 활용 가이드라인 소개를 통하여 독성학자들에게 필요한 정보를 제공하기 위해 준비하였습니다. 본 학술대회를 통하여 회원 여러분의 연구 활동에 도움을 드릴 뿐만 아니라 독성학 분야의 발전을 위해 기여하고자 하니 많이 참여하셔서 자리를 빛내주시기 기대합니다.

끝으로 회원 여러분 가정의 건강과 행복을 기원하며, 본 행사를 위해 준비하느라 수고해 주신 임원진께 깊이 감사드립니다.

2022. 9. 1.

(사)한국독성학회/한국환경성물연변이발암원학회

회장 천영진

November 7, 2022 (Monday)									
12:00-13:00	<b>Council Meeting</b>								
12:00	<b>Registration</b>								
13:20-13:40 300A Hall	<b>Welcome Remarks</b> - Dr. Young-Jin Chun (President of KSOT, Chung-Ang University) - Dr. Kyung Won Seo (Director General, National Institute of Food and Drug Safety Evaluation)								
13:40-14:30 300A Hall	<b>Plenary Lecture I</b> Chairperson: Dr. Jung-Duck Park (Chung-Ang University)  My Journey towards Research on Chemical Carcinogenesis and Chemoprevention Dr. Young-Joon Surh (Seoul National University)								
14:30-16:00 300A Hall	<b>Session 1 : Inflammatory Microenvironment as a New Paradigm in the Pathogenesis of Cancer and Chronic Disorders</b> Chairperson: Dr. Young-Joon Surh (Seoul National University)  14:30-15:00 CD300f, a Critical Immune Modulator in Inflammatory Disorders and Cancer Dr. Ha-Na Lee (FDA, USA)  15:00-15:30 Oral Microbiota-Epithelium Crosstalk Regulates Local and Distal Carcinogenesis Dr. Na-Young Song (Yonsei University)  15:30-16:00 Induced Pluripotent Stem Cells for Inflammatory Disease Modelling, Drug Research and Regenerative Therapies Dr. Józef Dulak (Jagiellonian University, Poland)								
16:00-16:20	<b>Coffee Break / Poster Session</b>								
16:20-18:00	<table border="0"> <tr> <td><b>Session 2 : Safety and Risk Assessment of Hair Dye Ingredients</b> 300A Hall Chairperson: Dr. Kyung-Min Lim (Ewha Womans University)</td> <td><b>Session 3 : Biocide and Safety; An Invisible Danger or a Safe Ally?</b> Room 205 Chairperson: Dr. Hyung-Sik Kim (Sungkyunkwan University)</td> </tr> <tr> <td>16:20-16:55 The EU's Regulatory Mechanism for Safety of Hair Dye Ingredients Dr. Qasim Chaudhry (University of Chester, UK)</td> <td>16:20-16:50 New Approaches of Neurotoxicity Assessment for Biocides Dr. Woo-Keun Kim (Korea Institute of Toxicology)</td> </tr> <tr> <td>16:55-17:30 CLR and the Expert Panel for Cosmetic Ingredient Safety: Hair Dye Ingredients Dr. Bart Heldreth (Cosmetic Ingredient Review, USA)</td> <td>16:50-17:20 Natural Receptor-based Biosensors for Monitoring Biocide Dr. Oh Seok Kwon (Korea Research Institute of Bioscience and Biotechnology)</td> </tr> <tr> <td>17:30-18:00 Safety of Hair Dye Products from a Dermatologist's Viewpoint Dr. Chang Hun Huh (Seoul National University Bundang Hospital)</td> <td>17:20-17:50 Toxicity of Quaternary Ammonium-based Disinfectants Dr. Eun-Jung Park (Kyung Hee University)</td> </tr> </table>	<b>Session 2 : Safety and Risk Assessment of Hair Dye Ingredients</b> 300A Hall Chairperson: Dr. Kyung-Min Lim (Ewha Womans University)	<b>Session 3 : Biocide and Safety; An Invisible Danger or a Safe Ally?</b> Room 205 Chairperson: Dr. Hyung-Sik Kim (Sungkyunkwan University)	16:20-16:55 The EU's Regulatory Mechanism for Safety of Hair Dye Ingredients Dr. Qasim Chaudhry (University of Chester, UK)	16:20-16:50 New Approaches of Neurotoxicity Assessment for Biocides Dr. Woo-Keun Kim (Korea Institute of Toxicology)	16:55-17:30 CLR and the Expert Panel for Cosmetic Ingredient Safety: Hair Dye Ingredients Dr. Bart Heldreth (Cosmetic Ingredient Review, USA)	16:50-17:20 Natural Receptor-based Biosensors for Monitoring Biocide Dr. Oh Seok Kwon (Korea Research Institute of Bioscience and Biotechnology)	17:30-18:00 Safety of Hair Dye Products from a Dermatologist's Viewpoint Dr. Chang Hun Huh (Seoul National University Bundang Hospital)	17:20-17:50 Toxicity of Quaternary Ammonium-based Disinfectants Dr. Eun-Jung Park (Kyung Hee University)
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18:00-18:30	<b>General Assembly</b>								
18:30	<b>Reception</b>								

### Registration

Registration fee includes admission to the all scientific session, exhibition, coffee breaks and abstract book. Participants are encouraged to register for the 38th Annual Meeting of KSOT/KEMS by October 14, 2022 to take advantage of the reduced fee.

■ Pre-registration can be made through internet site of KSOT/KEMS ([www.ksot.or.kr](http://www.ksot.or.kr))

	Early Registration (~ October 14)	On-site Registration
KSOT Member	120,000	160,000
KSOT Student Member	70,000	90,000
General Participants	170,000	210,000
Student Non-member	90,000	110,000

### ■ Important Dates

Deadline For Registration : October 14, 2022  
Deadline for Abstract Submission : October 14, 2022

November 8, 2022 (Tuesday)									
09:30-10:10 300A Hall	<b>Plenary Lecture II</b> Chairperson: Dr. Kyung-Chul Choi (Chungbuk National University)  The Role of Lymphatic Vascular System in Liver Disease and Its Complications Dr. Yasuko Iwakiri (Yale University, USA)								
10:10-11:40 300A Hall	<b>Session 4 : Target Organ Toxicity: Expanding Our Knowledge of Liver Diseases Etiologies</b> Chairperson: Dr. Michael Lee (Incheon National University)  10:10-10:40 Study of Ethanol Metabolite-associated Acute Liver Injury and Alcohol-associated Hepatocellular Cancer Model Dr. Wonhyo Seo (Ewha Womans University)  10:40-11:10 Crosstalk between Lipotoxic Hepatocellular Injury and Hepatic Macrophage Inflammation in Nonalcoholic Steatohepatitis Dr. Eun Hee Koh (Asan Medical Center, University of Ulsan College of Medicine)  11:10-11:40 PAK4 Protein Kinase Plays a Key Role in Liver Ischemia-reperfusion Injury Dr. Eun Ju Bae (Jeonbuk National University)								
11:40-13:00	Lunch / Poster Session								
13:00-13:30 300A Hall	<b>Award Presentation</b> Chairperson: Dr. Jongsun Park (Chungnam National University)  Skin Irritation and Inhalation Toxicity of Biocides Evaluated with Reconstructed Human Epidermis and Airway Models Dr. Kyung-Min Lim (Ewha Womans University)								
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16:00-16:20	Awards Ceremony & Closing Remarks								

### November 9, 2022 (Wednesday)

09:00-11:00	<b>Korea Toxicology Database Workshop(독성DB 워크샵)</b> Chairperson: Dr. Keon Wook Kang (Seoul National University)
09:00-09:40	Toxicology Information Collection and Evaluation Dr. Ok-Nam Bae (Hanyang University)
09:40-10:20	Toxicology Data Platform and TIES System Dr. Young-Suk Jung (Pusan National University)
10:20-11:00	Tox-Info System and Its Prospective Dr. Donghak Kim (Konkuk University)