(사)한국독성학회/한국환경성돌연변이발암원학회

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/한국환경성돌연변이발암원학회 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 팬더믹 이후 3년 만에 전면적인 오프라인 학술대회로 개최합니다. 많은 관심과 참석을 부탁드리며 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 구성하여 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 하오니 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/한국환경성돌연변이발암원학회

회장 천 영 진

November 7, 2022 (Monday)

12:00-13:00 Council Meeting

12:00 Registration

13:20-13:40, 300A Hall
Welcome Remarks
- 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 — Plenary Lecture I
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 — Session 1 : Inflammatory Microenvironment as a New Paradigm in the Pathogenesis of Cancer and Chronic Disorders
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)

16:00-16:30 Coffee Break / Poster Session

16:30-18:00 — Session 2 : Safety and Risk Assessment of Hair Dye Ingredients, 300A Hall
Chairperson: Dr. Kyung-Min Lim (Ewha Womans University)

16:30-17:00
Risk Assessment and Scientific Opinion of 1,2,4-Trihydroxybenzene (THB)
Dr. Qasim Chaudhry (University of Chester, UK)

17:00-17:30
TBA
(AICIS, Australia)

17:30-18:00
Safety of Hair Dye Products from a Dermatologist's Viewpoint
Dr. Chang Hun Huh (Seoul National University Bundang Hospital)

16:30-18:00 — Session 3 : Biocide and Safety; An Invisible Danger or a Safe Ally?, Room 205
Chairperson: Dr. Hyung-Sik Kim (Sungkyunkwan University)

16:30-17:00
New Approaches of Neurotoxicity Assessment for Biocides
Dr. Woo-Keun Kim (Korea Institute of Toxicology)

17:00-17:30
Natural Receptor-based Biosensors for Monitoring Biocide
Dr. Oh Seok Kwon (Korea Research Institute of Bioscience and Biotechnology)

17:30-18:00
Toxicity of Quaternary Ammonium-based Disinfectants
Dr. Eun-Jung Park (Kyung Hee University)

18:00-18:30 General Assembly

18:30 Reception

November 8, 2022 (Tuesday)

09:30-10:10, 300A Hall — Plenary Lecture II
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 — Session 4 : Target Organ Toxicity: Expanding Our Knowledge of Liver Diseases Etiologies
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 — Award Presentation
Chairperson: Dr. Jongsun Park (Chungnam National University)

TBA

13:30-14:00 — Special Lecture I, 300A Hall
Chairperson: Dr. Jongsun Park (Chungnam National University)

Role of Korea Drug Development Fund (KDDF) in Acceleration of Innovative Drug Research
Dr. Sung-Oh Huh (Korea Drug Development Fund)

13:30-14:00 — Special Lecture II, Room 205
Chairperson: Dr. Joo Young Lee (The Catholic University of Korea)

Guidelines of Patent Utilization for Conducting Research
Dr. Hee Jin Kim (WeThePeople Ip & Law Firm)

14:00-14:20 Coffee Break

14:20-16:00 — Session 5 : Toxicity of Cosmetics and Chemicals to the Skin, 300A Hall
Chairperson: Dr. Tae Cheon Jeong (Yeungnam University)

14:20-14:50
Dermal Toxicity and Safety Evaluation When Developing Cosmetics
Dr. Susun An (AmorePacific R&D Center)

14:50-15:20
Keratinocyte-derived Anti-melanogenic Cytokines for the Development of Novel in Vitro Chemical Leukoderma Tests
Dr. Minsoo Noh (Seoul National University)

15:20-16:00
Safety Evaluation of Skin Sensitizer: Developments and Opportunities
Dr. David Basketter (DABMEB Consultancy Ltd, UK)

14:20-16:00 — Session 6 : Young Scientist Forum, Room 205
Chairperson: Dr. Bumseok Kim (Jeonbuk National University)

14:20-14:50
The New Roles of G12 Family Proteins in Cellular Toxic Response against Metabolic Stress
Dr. Tae Hyun Kim (Sookmyung Women's University)

14:50-15:20
Investigation of Organ Cross Talk
Dr. Je-Won Ko (Chungnam National University)

15:20-15:50
The Role of Gα12 Axis in the Regulation of Toxicant-induced Ferroptosis
Dr. Jihoon Tak (Dongguk University)

16:00-16:20 Awards Ceremony & Closing Remarks

November 9, 2022 (Wednesday)

09:00-11:00 — Korea Toxicology Database Workshop(독성DB 워크샵)
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)

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 7, 2022 to take advantage of the reduced fee.

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

	Early Registration (~ October 7)	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 7, 2022
Deadline for Abstract Submission : October 7, 2022

주최 (사)한국독성학회/한국환경성돌연변이발암원학회 식품의약품안전처 · 식품의약품안전평가원 후원 KOSHA

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