

2021 제37차 정기학술대회

The 37th Annual Meeting of KSOT/KEMS

Innovative Approaches for Human Safety and Health

Nov. 1 (Mon)~2 (Tue), 2021

- In-Person & Virtual

- Venue : Skybay Hotel Gyeongpo, Gangneung city, Gangwon-do, Korea

Invitation

존경하는 (사)한국독성학회/한국환경성물연변이발암원학회 회원 여러분,

우리 학회에 대한 지속적인 관심과 적극적인 참여에 깊은 감사의 말씀을 드립니다. 작년 초부터 시작된 COVID-19의 세계적인 유행은 수그러질 기미는 없이 쏟아진 활동의 움츠러들게 만들고 있습니다. 하지만 우리 학회는 회원 여러분의 적극적인 협조로 작년에 이어 올해도 춘계 국제심포지움, 독성학 워크샵, 위해정보소통포럼, 독성학 전문교육 과정 등 계획된 활동을 순조롭게 진행하고 있습니다.

이번 추계 제37차 정기학술대회는 "Innovative Approaches for Human Safety and Health" 주제로 다채로운 국제학술행사를 마련하여 학회 회원 및 독성학 관련 분야 여러분들을 초대합니다.

금번 학술대회는 온라인 및 제한된 인원의 오프라인 방식으로 진행하고자 합니다. 양일간 두 분의 기조연설과 5개 분야의 세션과 함께 Award presentation 및 독성학자를 위한 특허 관련 특강으로 구성하였습니다. 이번에 새로이 구성된 KSOT-JSOT Joint Symposium은 한·일 양국 간의 학문적 교류를 통한 동반자로서 향후 다방면에서 독성학 발전에 기여할 수 있을 것을 기대합니다.

또한 학술대상, 신진학자상, 우수학술논문상, 학술발전공로상 및 우수포스터상을 비롯하여 젊은 독성학자 양성을 위한 우수박사학위논문상을 새롭게 준비하였으니 분야별 수상 후보에 적극적인 지원을 바라며 포스터 발표에도 많은 참여를 부탁드립니다. 물론 학회 참가자들을 위한 푸짐한 상품도 마련하고 있습니다.

금번 제37차 정기학술대회에 독성학에 관심 있는 다양한 분야의 모든 분들이 참여하셔서 깊이 있는 학문적 토론을 통한 갈증 해소와 함께 친밀한 정을 나누면서 잠시라도 COVID-19로 인한 어려움을 떨칠 수 있는 시간이 되기를 기대합니다.

모두를 지치게 하는 길고 힘든 팬데믹 시기이지만 우리 학회 회원과 가족 모든 분들이 건강하시고, 슬기롭게 이 시기를 잘 극복하시기를 기원합니다. 특히 성공적인 학술대회를 위해 수고해주신 임원진의 노고에 깊은 감사를 드립니다.

2021. 8. 25.

(사)한국독성학회/한국환경성물연변이발암원학회
회장 박 정 역

November 1, 2021 (Monday)

11:00- 12:00

Session 1 : Young Scientist Forum

Chairperson: Dr. Keon Wook Kang (Seoul National University)

11:00-11:20 Novel Targets for ER Stress-mediated Liver Injury

Dr. Chang Yeob Han (Jeonbuk National University)

11:20-11:40 Non-invasive Administration of AAV to Target Lung Parenchymal Cells and Develop SARS-CoV-2-susceptible Mice

Dr. Dong-Il Kim (Chonnam National University)

11:40-12:00 Immediate AP-1 Recruitment by YAP/TAZ Is a Crucial Process for Liver Size Control and Tumor Growth

Dr. Ja Hyun Koo (Seoul National University)

12:00-13:00 ePoster Viewing & Exhibition Visiting / Council Meeting

13:00 -13:20

Welcome Remarks

Dr. Jung-Duck Park (President of KSOT, Chung-Ang University)

Dr. Kyung Won Seo (Director General, National Institute of Food and Drug Safety Evaluation)

Dr. Eun Ju Jeong (President, Korea Institute of Toxicology)

13:20-14:00 Plenary Lecture I

Chairperson: Dr. Seokjoo Yoon (Korea Institute of Toxicology)

Human Organoids in Precision Toxicology

Dr. Takanori Takebe (Cincinnati Children's Hospital Medical Center, USA)

14:00-15:30

Session 2 : Toward Precision Toxicology: New Technologies in Predictive Modeling

Chairperson: Dr. Jung Hwa Oh (Korea Institute of Toxicology)

14:00-14:30 Predictive Algorithm for Target Organ Based on hESCs-derived Organoids and Its Application Perspectives in Precision Toxicology

Dr. Hyun-Soo Cho (Korea Research Institute of Bioscience and Biotechnology)

14:30-15:00 Use of Natural Language Processing and Big Data to Advance ADMETox Predictions

Dr. Igor Tetko (Helmholtz Zentrum München, Germany)

15:00-15:30 From Biomarker Discovery to Clinical Implication for Precision Medicine

Dr. Ho-Sook Kim (Inje University)

15:30-15:50 ePoster Viewing & Exhibition Visiting

15:50- 17:20

Session 3 : (NIFDS Session) Organoid Technology and Application in Regulatory Toxicology

Chairperson: Dr. Kikyung Jung (NIFDS)

15:50-16:20 Liver Organoids for Disease Modeling and In Vitro Safety Assessment

Dr. Myung Jin Son (Korea Research Institute of Bioscience and Biotechnology)

16:20-16:50 Human Cardiac Organoids for Preclinical Research

Dr. Hyang-Ae Lee (Korea Institute of Toxicology)

16:50-17:20 2D and 3D Human Intestinal Models

Dr. Mi-Young Son (Korea Research Institute of Bioscience and Biotechnology)

17:20-18:00 General Assembly

November 2, 2021 (Tuesday)

9:00-09:40 Plenary Lecture II

Chairperson: Dr. Michael Lee (Incheon National University)

Paradigm Shift in Food Safety Assessment

Dr. Hoonjeong Kwon (Former President of KSOT, Seoul National University)

9:40-10:20 Special Lecture

Chairperson: Dr. Moo-Yeol Lee (Dongguk University)

Patent Knowledge for Toxicologists

Dr. Choon Won Kang (CWK Patent & Law Firm)

10:20-10:40 ePoster Viewing & Exhibition Visiting / Youth Employment Program Viewing

10:40- 12:10

Session 4 : The Latest Findings in Biocide Toxicity Research

Chairperson: Dr. Kyuhong Lee (Korea Institute of Toxicology)

10:40-11:10 PHMG-induced Lung Injury : Radiologic and Pathologic Correlation

Dr. Juhan Lee (Korea University)

11:10-11:40 Toxicity Evaluation by Respiratory Exposure of CMIT/MIT

Dr. Mi-kyung Song (Korea Institute of Toxicology)

11:40-12:10 Multi-omics and a Potential Mechanism of Humidifier Disinfectant-associated Lung Injury

Dr. Jeong-Hyun Kim (University of Ulsan)

12:10- 13:30 Poster Oral Presentation / Exhibition Visiting / Lunch

13:30- 14:00 Award Presentation

Chairperson: Dr. Joo Young Lee (The Catholic University of Korea)

Yin Yang 1 is Required for PHD Finger Protein 20-mediated Myogenic Differentiation in Vitro and in Vivo

Dr. Jongsun Park (Chungnam National University)

14:00-15:30

Session 5 : KSOT-JSOT Joint Session

Chairperson: Dr. Young Rok Seo (Dongguk University)

14:00-14:30 Development of an Inhalation Exposure System of a Pressurized Metered-dose Inhaler Formulation for Small Experimental Animal and Visualizing the Spatial Localization of an Inhalant in Rat Lungs by Mass Spectrometry Imaging

Dr. Yuhji Taquahashi (National Institute of Health Sciences, Japan)

14:30-15:00 Liquid Biopsy for the Early Detection of Toxicity

Dr. Ryuichi Ono (National Institute of Health Sciences, Japan)

15:00-15:30 Novel Time-dependent Multi-omics Integration to Explore Toxic Mechanisms

Dr. Sangkyu Lee (Kyungpook National University)

15:30-16:00 Awards Ceremony & Closing Remarks

Registration

Registration fee includes admission to the all scientific session, exhibition, coffee breaks and abstract book. Participants are encouraged to register for the 37th Annual Meeting of KSOT/KEMS by September 30, 2021 to take advantage of the reduced fee.

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

	Early Registration (~ September 30)	Registration (October 1~12)
KSOT Member	100,000	150,000
KSOT Student Member	50,000	80,000
General Participants	150,000	200,000
Student Non-member	70,000	100,000

■ Important Dates

Deadline For Registration : October 12, 2021

Deadline for Abstract Submission : October 7, 2021