

Registration

Registration fee includes admission to the all scientific session, exhibition, coffee breaks, reception and proceeding book. Participants are encouraged to register for the 2014 KSOT/KEMS Spring International Symposium by May 14, 2014 to take advantage of the reduced fee.

- Pre-registration can be made through internet site of KSOT/KEMS(www.toxmut.or.kr)
- For those who do not register in advance, on-site registration will be open in the Samsung Convention Center beginning at 08:30 on Friday, May 23, 2014.

	Early Registration	On-site Registration
KSOT Member	50,000	70,000
Student Member	30,000	50,000
General Participants	80,000	100,000
Student Non-member	50,000	70,000

Important Dates

May 14	Deadline for pre-registration
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KSOT Secretariat

Rm 611, Science & Technology Bldg., 22, Teheran-ro 7-gil
Gangnam-gu, Seoul 135-703, Korea
Tel : 82-2-888-3248 / Fax : 82-2-888-3249
E-mail : toxmut82@hanmail.net
<http://www.toxmut.or.kr>
<http://www.ksot.co.kr>

Venue



Samsung Convention Center, Seoul National University

Location : 239-1 Nakseondae-Dong, Gwanak-Gu, Seoul, Korea 151-057
Questions and comments go to hoam@hoam.ac.kr
Tel : 82-2-871-4053 / Fax. 82-2-871-4056 / Home page : www.hoam.ac.kr

Way #1 From Incheon airport to Hoam

1. Take the "#6017 Airport limousine bus" at the GATE 6B or 13B. (Check the Bus time table)
2. Get off at the last stop "Hoam Faculty House"

Way #2. From Kimpo airport to Hoam

1. Take the "#6003 Airport limousine bus" at the Bus terminal #6. The bus will depart every 20minutes. The bus fare is 4,000 won by cash.
2. Get off at the main gate of Seoul National University. Take a taxi or a shuttle from the main gate of Seoul National University
 - Shuttle service is available upon reservation only.
 - Running hour of shuttle : 08:00~19:00 (Monday to Friday).
 - Please contact at 82-2-880-0311 for reservation

Way #3 By Subway

- Nakseongdae Station, approximately 5 minutes by taxi
- Nakseongdae Station, approximately 10 minutes by Village Orbiting Bus No. 02

(사)한국독성학회/한국환경성물연변이·발암원학회
2014 춘계 국제심포지움

2014 KSOT/KEMS
Spring International Symposium

Human Health and
Prevention: Current issues in
Environmental and
Forensic Toxicology

May 23 Fri, 2014

Samsung Convention Center,
Seoul National University

주최 : (사)한국독성학회/한국환경성물연변이·발암원학회

후원 : KITT 안전성평가연구소
Korea Institute of Toxicology

산업안전보건연구원
안전보건공단

INVITATION



존경하는 (사)한국독성학회/한국환경성
돌연변이·발암원학회 회원 여러분,

현대 사회에 이르러 질병에 대한 치료와 더불어 예방에 관심이 고조됨에 따라 화학 물질·환경·식품 및 의약품의 위해성·독성이 중요한 이슈로 대두되고 있습니다. 우리 학회는 국민의 건강을 증진하고 국가의 안전관리를 유지하기 위하여, 화학물질의 안전성·위해성에 대한 현재와 잠재적인 문제들을 연구하고 해결방안을 찾아내기 위한 학술 및 연구활동과 사회적 참여를 주도해왔습니다. 특히 현 정부에서 국민안전에 위해 반드시 체결해야 할 4가지 범죄 중 하나로 불량식품을 제시하고, 화학물질 등록 및 평가법과 화학물질관리법의 2015년 개정을 통한 화학물질 안전관리의 강화 등으로 볼 때 국민의 건강 및 안전 관리에 있어 본 학회의 역할이 더욱 증대될 것이 기대됩니다.

2014년 춘계학술대회에서는 “Human Health and Prevention: Current Issues in Environmental and Forensic Toxicology”의 주제로 프로그램을 준비하였습니다. 최근 환경오염에서 특히 문제가 되고 있는 미세먼지와 질병의 이슈와 더불어 발암성 및 화장품 독성시험 대체법에 대하여 각 분야의 전문가를 모시고 연구주제에 대해 논의하고자 합니다. 또한 법의학과 규제독성학에 대한 논의를 통하여 독성물질의 위해성평가 및 화학물질의 안전관리방안에 대한 사회적 시스템 수립에 기여하고자 합니다. 본 학술대회를 통하여 인류 건강과 질병 예방에 대한 안전성·위해성 평가의 중요성 및 새로운 연구법에 대한 활발한 토론을 통하여 과학적 지식을 높이고 향후 우리나라와 국제 사회가 나아가야 할 방향에 대한 논의의 장을 제공하고자 합니다.

본 학술대회에 학회 회원 및 각계 전문가의 많은 관심과 참여를 기대하고, 활발한 학술적인 정보교환과 회원간의 친목을 도모하는 기회가 되기를 희망합니다. 끝으로, 여러분 가정의 건강과 행복을 기원하며, 본 행사를 위해 준비하느라 수고해 주신 임원진께 깊은 감사를 드립니다.

2014. 4.

(사)한국독성학회/한국환경성돌연변이·발암원학회
회장 조 명 행

2014 춘계 국제심포지움

2014 KSOT/KEMS Spring International Symposium

May 23, 2014 (Friday)

08:30-09:00

Registration

09:00-09:10

Welcome Remarks

Dr. Myung-Haing Cho (President of KSOT, Seoul National University)

Plenary Lecture

Chaired by Dr. Young-Jin Chun (Chung-Ang University)

09:10-09:55
Mukunghwa Hall (2F)

Molecular mechanisms involved in TCDD-mediated B cell impairment: Comparisons between rodent and human
Dr. Norbert E Kaminski (Michigan State University, USA; President of SOT)

Special Lectures

Chaired by Dr. Kyung-Chul Choi (Chungbuk National University)

09:55-10:55
Mukunghwa Hall (2F)

Progress of Percellome toxicogenomics project
Dr. Satoshi Kitajima (National Institute of Health Sciences, Japan)
Pathophysiological effects of arsenic on skeletal muscle system: Down-regulation in osteoblast differentiation and myogenic differentiation
Dr. Shing-Hwa Liu (Institute of Toxicology, National Taiwan University, Taiwan)

10:55-11:10

Coffee Break

Session 1 : Inhalation toxicology (sponsored by KIT)

Chaired by Dr. Kyuhong Lee (KIT)

Dr. Hyung Sik Kim (Sungkyunkwan University)

11:10-12:40
Mukunghwa Hall (2F)

Aspect of particulate pollutant exposure in children's living environments
Dr. Gwi-Nam Bae (Korea Institute of Science and Technology)
Approach to particulate matter issue using animal Inhalation study: fine particle, cigarette smoke, humidifier detergent etc.
Dr. Kyuhong Lee (KIT)
Impact of PM on respiratory diseases
Dr. An-Soo Jang (Soonchunhyang University)

12:40-14:00

Lunch Break

* Session 2 and 3 are held simultaneously in Mukunghwa Hall (2F) and Mokryen Hall (1F), respectively

Session 2 : Carcinogenesis tests and histopathological analysis

Chaired by Dr. Yong-Hyun Chung (Occupational Safety and Health Research Institute)

Dr. Jaemin Cho (Seoul National University)

14:00-16:00
Mukunghwa Hall (2F)

A general guidance to a carcinogenicity study
Dr. Jin Seok Kang (Namseoul University)
Interpretation of toxico-pathologic lesions in a carcinogenicity study
Dr. Boo-Hyon Kang (Chemon Inc.)
Application of OECD principle in carcinogenicity study
Dr. Beom Seok Han (Hoseo University)
Consideration in tumorigenicity assessment of stem cell therapy product
Eunri Han (Ministry of Food and Drug Safety)



Human Health and Prevention: Current issues in Environmental and Forensic Toxicology

Venue: Samsung Convention Center, Seoul National University

(CAMSEC Special Symposium)

Session 3 : Alternative test methods for the replacement of conventional animal toxicity tests

Chaired by Dr. Ki Hwan Choi (National Institute of Food and Drug Safety Evaluation)

Dr. Kubong Kim (Dankook University)

14:00-16:00
Mokryen Hall (1F)

Alternative test of developmental toxicity using mouse and human embryonic stem cell
Dr. Eui-Bae Jeung (Chungbuk National University)
Development of toxicity test using biomimetics
Dr. Hyungsuk Lee (Yonsei University)
Alternative test method for skin sensitization : Peptide reactivity assay
Dr. Susun An (Amore Pacific R&D Unit)
Systems toxicology-based development of alternative methods for skin safety testing
Dr. Min-Soo Noh (Seoul National University)

16:00-16:20

Coffee Break

Session 4 : Forensic and regulatory toxicology

Chaired by Dr. Joo Young Lee (The Catholic University of Korea)

16:20-17:40
Mukunghwa Hall (2F)

The role of oral fluid testing in forensic toxicology and the application for the determination of sedative-hypnotics use
Dr. Moonhee Jang (National Forensic Service)
Quantitative determination of r-hydroxybutyric acid (GHB) in human urine using a surrogate analyte-based LC-MS/MS method and variation of endogenous urinary concentrations of GHB
Dr. Sooyeon Lee (Keimyung University)
Act on registration and evaluation, etc of chemical substance
Dr. Byoungwha Lee (Chemicals Management Division, Ministry of Environment)

17:40-17:50

Closing Remarks and Memorial Photo

(Dr. Kyung-Chul Choi)

17:50-18:20

General Assembly

(Dr. Young-Jin Chun)

18:30-

Welcome Reception

(Dr. Young-Jin Chun)