

Registration

Registration fee includes admission to the all scientific session, exhibition, coffee breaks, reception and abstract book. Participants are encouraged to register for the 28th Annual Meeting of KSOT/KEMS 2012 by October 17, 2012 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 Hotel Mudeung Park beginning at 12:30 on Thursday, November 1, 2012.

	Early Registration	On-site Registration
KSOT Member	80,000	100,000
Student Member	40,000	60,000
General Participants	110,000	130,000
Student Non-member	60,000	80,000

Important Dates

October 17	Deadline for abstract submission
October 17	Deadline for pre-registration

KSOT Secretariat

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<http://ksot.co.kr>



Venue



HOTEL Mudeung Park Gwangju

Location : 63-1 San Jisan-dong, Dong-gu, Gwangju, South Korea

Hotel Mudeung Park is located in central Gwangju and local attractions include Mudeungsan Provincial Park, Gwangju Art and Culture Center, and Guus Hiddink Stadium. Additional area points of interest include Gwangju National Museum.

Tel : 82-62-226-0011
Site : <http://www.hotelmudeungpark.co.kr>
E-mail : mudeungpark@hanmail.net

- Gwangju Airport, approximately 30 minutes by Limousine bus (No.1000)
- Express Bus Terminal, approximately 20 minutes by Limousine bus (No.1000)
- Gwangju Station(KTX), approximately 20 minutes by bus (No.81)



사단법인 **한국독성학회**
Korean Society of Toxicology
한국환경성독물연변이발암원학회
Korean Environmental Mutagen Society

(사)한국독성학회/한국환경성독물연변이·발암원학회
제28차 정기 학술대회

The 28th Annual Meeting of KSOT/KEMS

Convergence of *In Vivo* and Molecular Approaches for Toxicity Assessment

November 1-2, 2012

HOTEL Mudeung Park, Gwangju, Korea

주최 : (사)한국독성학회/한국환경성독물연변이·발암원학회

후원 : **KFDA** 식 약 정
식품의약품안전평가원

KIT 안전성평가연구소
Korea Institute of Toxicology

G₁P
광주관광컨벤션뷰로
GWANGJU CONVENTION & VISITORS BUREAU

존경하는 (사)한국독성학회/한국환경성물연변이·발암원학회 회원님, 독성 분야 과학자 여러분,

우리 학회는 국내 독성학 연구 분야의 활성화 및 국제화를 위하여 지속적으로 노력해 왔습니다. 특히, 생활용품, 식품, 화장품, 의약품 등 환경매체에서 노출되는 화학물질에 의한 인체 유해성의 규명, 확인 및 평가를 통해 국민보건 향상과 안전한 제품사용을 위한 사회적 참여에 노력하고 있습니다. 학회 사업의 중심으로 매년 춘계 및 추계 학술대회를 개최하여 학계와 관련 산업계에서 그 위상을 드높이고 있습니다. 최근에는 본 학회의 연구 및 학술 활동이 국내에서 국제사회로 그 무대가 점차 확대되어, 국제독성학회(IUTOX)와 아시아독성학회(ASIATOX)의 주요 회원국으로 독성학 발전에도 국제적으로 기여하고 있습니다. 우리 학회는 <제13회 세계독성학회 학술대회(ICT XIII), 2013. 6. 30~7. 4>를 서울 COEX에서 개최합니다. 이는 전 세계 약 100여국에서 2,500명 이상이 참석하는 대규모 학술 대회로서 국내는 물론 아시아와 세계를 향한 우리의 발전을 한층 앞당기는 기회가 될 것입니다.

금년에는 제28차 정기 학술대회를 빛고를 광주의 가을 정취가 물씬 느껴지는 무등파크호텔에서 개최합니다. 본 학회는 “Convergence of *In Vivo* and Molecular Approaches for Toxicity Assessment”를 주제로 하여 풍성하고 다채로운 학술행사를 준비하였습니다. 이번 가을 학회에서는 우리의 높은 과학 수준을 독성학자들 간 공유함은 물론 젊은 학도를 위한 격려로 많은 우수포스터 수상이 있을 예정입니다. 회원 여러분께서는 미리 일정을 확인하시고 학회 행사에 적극적으로 참여하시어 뜻 깊은 정보교환의 장이 되기를 당부드립니다.

회원 여러분의 건승하심을 기원하며 본 행사를 위해 준비하느라 수고해주신 임원진께 깊은 감사를 드립니다.

2012. 10.

(사)한국독성학회/한국환경성물연변이·발암원학회
회장 김 상 건·이 병 무

(사)한국독성학회/한국환경성물연변이·발암원학회 제28차 정기 학술대회

Nov. 1 (THU)

11:50~13:00 Council Meeting

12:30~13:20 Registration

13:20~13:30 Opening Ceremony

Plenary Lecture

Chair : Dr. Myung-Haing Cho (Seoul National University)

13:30~14:20 Development of a Zebrafish Model to Investigate Dioxin Toxicity
Dr. Dick Peterson (Wisconsin University, USA)

Session 1: Application of *In Vivo* Models for Toxicological Research

Chair : Dr. Kyeong-Man Kim (Chonnam National University)

S1-1 14:20~14:50
In Vivo Optical Imaging for Drug Evaluation
Dr. Shinae Kondo (Tokyo Institute of Technology, Japan)

S1-2 14:50~15:15
The Change of Energy Consumption and Physiological Stress in *Daphnia magna* by Multi-generational Exposure to Tetracycline
Dr. Sang-Don Kim (Gwangju Institute of Science and Technology, Korea)

S1-3 15:15~15:40
Endogenous Neuroprotection against Ischemic Stroke
Dr. Ok-Nam Bae (Hanyang University, Korea)

S1-4 15:40~16:05
Transgenerational Effects of Bisphenol A on the Hippocampal Neurogenesis
Dr. Jaewon Lee (Pusan National University, Korea)

16:05~16:30 Coffee Break / Poster Session

(Sponsored by: Korea Institute of Toxicology)

Session 2: Seeing is Believing; Perspectives of Applying Imaging Technology in Toxicological Research

Chair : Dr. Moon-Koo Chung (Korea Institute of Toxicology)

S2-1 16:30~16:55
Small Animal Imaging for Cancer Research in National Cancer Center
Dr. Daehong Kim (National Cancer Center, Korea)

S2-2 16:55~17:20
In Vivo Small Animal Imaging for Biomedical Research
Dr. Kwon-Ha Yoon (Wonkwang University, Korea)

S2-3 17:20~17:45
Small Animal Molecular Imaging for Toxicokinetic Study
Dr. Beom-Su Jang (Korea Atomic Energy Research Institute, Korea)

S2-4 17:45~18:10
Non-human Primate CT Study of Immuno-nanoparticle
Dr. Su-Cheol Han (Korea Institute of Toxicology, Korea)

18:10~18:30 KSOT/KEMS General Assembly

18:30 Reception

PROGRAM

Convergence of *In Vivo* and Molecular Approaches for Toxicity Assessment

Nov. 2 (FRI)

(Sponsored by: National Institute of Food and Drug Safety Evaluation, Korea FDA)

Session 3: Innovations in Safety Evaluations of Xenobiotics

Chair : Dr. Jayoung Jeong (NiFDS)

S3-1 09:30~10:20 (Keynote)
Computational Toxicology Research at the U.S. EPA

Dr. Matt Martin

(National Center for Computational Toxicology Office of Research & Development, U.S. EPA)

S3-2 10:20~10:50
Inhalation Toxicity of TiO₂ Nanoparticles
Dr. Kyung Seuk Song (KCL, Korea)

S3-3 10:50~11:20
Stem Cell-derived Specific Organ Cells in Drug Safety Assessment
Dr. Seokjoo Yoon (Korea Institute of Toxicology, Korea)

S3-4 11:20~11:50 (Special Lecture)
Possibility of Terrorism and National Preparedness Strategies in Korea (Released Poison Terror centered)
Dr. Man Jong Lee
(The Korean Association for Terrorism Studies, Hwon Univ., Korea)

12:00~13:50 Lunch / Poster Session

(Sponsored by: GCRC, Seoul National University)

Session 4: New Insights into Molecular Mechanisms of Toxicity

Chair : Dr. Tae Cheon Jeong (Yeungnam University)

S4-1 14:00~14:30
Proteomic Analysis of GPCR-interacting Proteins
Dr. Ka Young Chung (Sungkyunkwan University, Korea)

S4-2 14:30~15:00
Identification of 67 Histone Marks and Histone Lysine Crotonylation as a New Type of Histone Modification
Dr. Sang Kyu Lee (Kyungpook National University, Korea)

15:00~15:20 Coffee Break
Chair : Dr. Joo Young Lee (The Catholic University of Korea)

S4-3 15:20~15:50
Cytoprotective Role of Peroxiredoxin and Sulfiredoxin against Oxidative Stress
Dr. Tong-Shin Chang (Ewha Womans University, Korea)

S4-4 15:50~16:20
Effect of Static Magnetic Fields on Cytotoxicity of Magnetic Nanoparticles
Dr. Kwon-Seok Chae (Kyungpook National University, Korea)

16:30~17:00 Award Presentation & Closing Remarks