

The First Joint Symposium of 18th ICT and 14th ICoEHS

October 25 (Tue.) – 27 (Thu.), 2022

Hotel President Seoul, Korea

*Deadline for registration and abstract submission
September 26 (Mon.), 2022*



**The 1st Joint Symposium of 18th ICT (International Conference
on Toxicogenomics) and
14th ICoEHS (International Conference on Environmental Health
Sciences)**

Oct. 25 - 27, 2022

**Hotel President,
Seoul, Republic of Korea**
(<https://hotelpresident.co.kr>)

***The Korean Society of Toxicogenomics and
Toxicoproteomics (KSTT)***
30, Baekhak 1-gil, Jeongeup-si, Jeollabuk-do, Republic of
Korea 56212
Homepage: www.kstt.or.kr, Tel: +82-63-570-8765
E-mail: ksttoffice@gmail.com

***The Korean Society of Environmental Risk
Assessment and Health Science (KoEHS)***
Building # 5-308, 119 Academy-ro Yeonsu-gu, Incheon,
Republic of Korea 22012
Homepage: www.ehs.or.kr, Tel: +82-32-835-4564,
E-mail: koehsoffice@gmail.com

Dear colleagues and guests,

Greetings from the First Joint Symposium of 18th International Conferences of Toxicogenomics (ICT) and 14th International Conference of Environmental Health Science (ICoEHS) 2022.

On behalf of the Organizing Committee of the 1st Joint Symposium of the **18th ICT** (International Conference on Toxicogenomics) of the Korean Society of Toxicogenomics and Toxicoproteomics(KSTT), **and 14th ICoEHS** (International Conference on Environmental Health Sciences) of the Korean Society of on Environmental Health Sciences, it is a great pleasure to invite you to participate in the Joint Symposium.

We are excited to announce that the first joint Symposium co-hosted by the Korean Society of Toxicogenomics and Toxicoproteomics (KSTT) and the Korean Society of Environmental Risk Assessment and Health Science (KoEHS). The symposium will take place from October 25 to 27, 2022 at President Hotel, in Seoul, Republic of Korea. The President Hotel is an excellent place to hold the conference, since it locates in the middle of Seoul and near of Seoul City Hall. The Organizing Committee is making every effort to ensure that your participation is scientifically rewarding and that pleasant memories in the Joint Symposium of the **18th ICT and 14th ICoEHS** will remain with you for a long time.

The symposium will offer a fantastic opportunity for you to share the latest information from eminent scientists, and build a strong network with experts from industry, academia or professional roles to stay up to date on the latest achievements and challenges in this rapidly evolving field.

We look forward to welcoming you at Seoul to have an excellent meeting with great scientists from around the world, and share new and exciting updates about diverse subjects in the symposium.

The first joint symposium organizing committee provides a successful program that will enable attendees to build new relationships, expand networks, and discuss current and future research opportunities. If you would like to be a part of this symposium, please register and submit your abstract for our poster session.

For more details, visit our website at <http://www.kstt.or.kr> and <http://www.ehs.or.kr>

Topics of interest (but not limited)

- Genomic understanding of behaviors and communications in Life
- Toxicity of chemicals, nanoparticles and drugs
- Risk assessment, environmental toxicology and environmental health
- Interaction between the cell's genome, chemicals in the environment, and disease

- Topics of environmental contaminants (biochemistry, pharmacology, and toxicology)

Registration

- Register and submit your abstract (poster) to <http://www.kstt.or.kr>

Registration fee

- The fee covers conference lunch, gala dinner, and city tour
- International: US \$300
- Domestic: Regular members of the society KR ₩300,000 (PI), KR ₩200,000 (Student)
Non-members KR ₩350,000 (PI), KR ₩250,000 (Student)

Venue

The symposium will take place in the Schubert and Mozart hall (31st Floor), the President Hotel (<https://hotelpresident.co.kr>) where is located in the center of Seoul.

We sincerely hope that you will accept our invitation to join us in Seoul, Republic of Korea.

Thanks & Regards,

Organizing Committee Members

Jae-Chun Ryu, Founder of KSTT and KoEHS
Chairman of the Symposium Organizing Committee

Acting Committee Members of KSTT & KoEHS

Seungshic Yum, President of KSTT
Seong-Hoon Park, Head of the Academic Committee, KSTT
Eun-Joo Kim, President of KoEHS
Jiyoung Ahn, Head of the Academic Committee, KoEHS

An Seong Soo	An Seryeong	Bae Hyunsu	Cho Hyeon Seo
Cho Sung-Jin	Cho Yoon	Choi Jin Sung	Choi Min-Kyu
Choi Namwoo	Choi Soo-Jin	Ha Yuna	Han Taejun
Han Young-Seok	Hwang Seung Yong	Hong Sungguan	Hwang Un-Ki
Jang Sang-Min	Jang Seok-Won	Jang Wonhee	Jeon Hee-Kyung
Jeon Young-Woo	Jeong Sang Hoon	Jeong Wooyoung	Jeoung Eun Hee

Jo Hyeon-Hee	Jo Yejin	Jung Jin-wook	Kang Byeong-Chul
Kim Bo-Mi	Kim Dae Il	Kim Dong Im	Kim Eun-Young
Kim Gi Beum	Kim Gon Sup	Kim Heung-Yun	Kim Hong Nam
Kim Hye-Jung	Kim Hye-Jung	Kim In Kyoung	Kim Jang K.
Kim Jin-A	Kim Jin Hee	Kim Ju-Hyoung	Kim Ju-Hyun
Kim Junghwan	Kim Jung-Woong	Kim Kiyong	Kim Myung Kyum
Kim Seo Yoon	Kim Seok-Jo	Kim Seong-Gil	Kim Seung Jun
Kim Soo Kie	Kim Su-Nam	Kim Tae-Wook	Kim Youn-Jung
Kim Woo-Jin	Lee Eun-il	Lee Jeong-Uk	Lee Kyu-Hong
Lee Mi Young	Lee Sung-Eun	Lee Young-mi	Liew Hyun Jeong
Lim Tae-Gyu	Lim Whasun	Maeng Eun-Ho	Moon Hyo-Bang
Oh Chang Seok	Oh Hyun-A	Park Byong-Gon	Park Changshin
Park Jong Sick	Park Jun Hong	Park Keum Nang	Park Kwang Il
Park Myoung-Hwan	Park Shin-Young	Park Sun-Hyun	Park Yong Seek
Rhee Jae-Sung	Rim Kyung-Taek	Ryu Seong Duck	Seo Young-Rok
Seo Yun-Soo	Shim Soon-Mi	Shin Hyun Kil	Sohn Eun-Hwa
Son Eunwha	Son Min-Ho	Son Sang Wook	Song Chang-Woo
Song Mi-Kyung	Srinivasan Sathiyaraj	Woo Dong Ho	Yang Sung Ik
Yeo Chang Dong	Yeo Min Kyeong	Yeom Dong-Hyuk	Yim Un Hyuk
Youn Hyung-Sun			

CONFERENCE DATES

October 25 (Tue) ~ October 27 (Thu), 2022



The conference will start in the morning (10:00 am) and the Registration Desk will open at 09:00 am on October 25 (Tue). On the first day, KoEHS organizes three symposium sessions, plenary lectures, and general assembly. The 2nd and the 3rd day programs are hosted by KSTT consisting of three symposium sessions, plenary lecture, and general assembly. The 2nd Day will begin at 09:00 am October 26 (Wed) and the Gala dinner will be scheduled at 6:00 pm. The 3rd day symposium will start at 09:30 am and the conference will be closed at 2:00 pm on October 27 (Thu).

SUBMISSION DEADLINE FOR ABSTRACT : **September 26 (Mon), 2022**



The deadline for abstract submission is September 26 (Mon), 2022 for oral (invited speakers) or poster presentation. You should submit your abstract to the conference homepage (www.kstt.or.kr). Please note that abstracts submitted for presentation should be original, previously unpublished work. Please make sure that abstracts must fit into half or one page of A4 size. The abstracts should be written in English

using 12-point Times New Roman and single line spacing. If you have any difficulties with submitting abstracts or the abstract submitted, please contact us (ksttsoffice@gmail.com; KSTT office; 010-9407-2768 / KoEHS office; +82-32-835-4564, 010-7942-5562).

ACADEMIC TREATISE AWARD

The first joint Symposium of 18th ICT and 14th ICoEHS will offer a special award for best thesis presentation. The KSTT will select members of the KSTT who have published excellent articles to the SCI(E) International Journal known as "Molecular and Cellular Toxicology (MCT)". KOEHS will choose KoEHS members who have contributed excellent papers to the SCOPUS, (E)SCI, known as "Toxicology & Environmental Health Science (ToxEHS)". The recipients of this award will be announced at the General Assembly of KoEHS (1st day) or KSTT (2nd day).

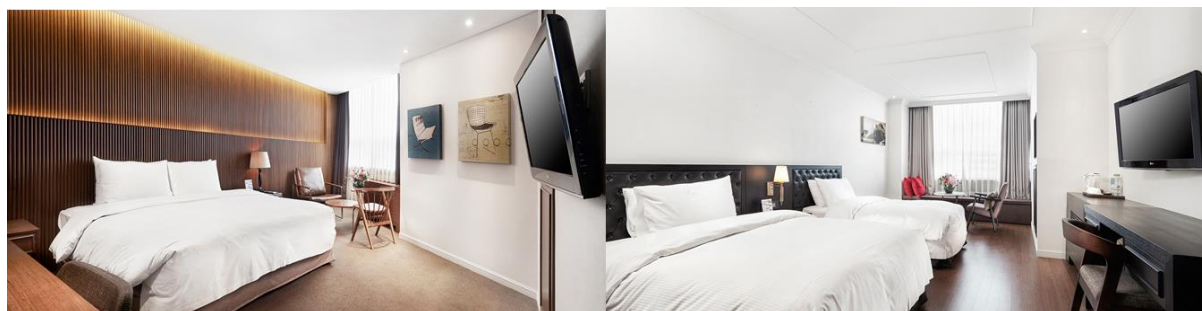
AWARDS FOR PRESENTATION

The oral presentation award is given for the best paper presented at the Young Scientists Special Session. Additionally, poster presentation awards are given to the students who present the excellent posters based on their original research in the poster session. The oral and poster presentations are evaluated by at least ten judges for their clarity of presentation and originality of research. To be eligible, the student or young scientist must be the first author. The recipients of this award will receive a certificate and a monetary award at the Award Ceremony (3rd day).

REGISTRATION

Deadline for early registration is Sep. 26 (Mon), 2022, 06:00PM. You should register on the conference website (www.ksst.or.kr). Registration fee includes every event, Luncheon Seminar, Exhibitions and Gala Dinner, and all Scientific Sessions. In addition, the Conference Proceedings and gifts will be presented to all the participants.

HOUSING OPTIONS



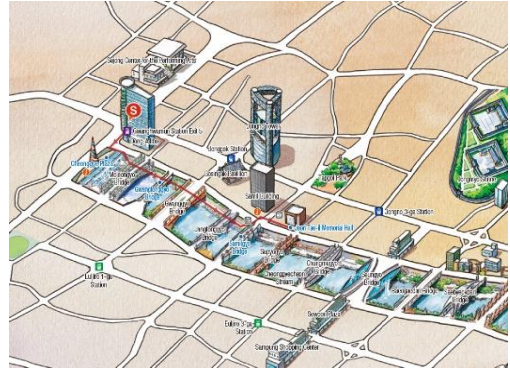
- Reservation deadline for conference rate at the “President Hotel Seoul” is October 10.
- The regular room rate is KR ₩106,700 (approximately US \$90) per person per night including breakfast. The Twin room rate is KR ₩125,400 (approximately US \$100) per two persons per night including two persons’ breakfast.
- Please refer to the information and make a reservation individually through the President Hotel website. <http://hotelpresident.co.kr/>
- For more detailed information, please refer to the website for directions to the President Hotel. <http://hotelpresident.co.kr/>

POST-CONFERENCE SPECIAL TOUR (OCT. 27, 2022)

The organizing committee will invite and pay for all tour expenses and dinner for guest speakers and host, foreign accompanying persons, foreign participants, and acting organizing committee members. The exact time schedule will be noticed individually.

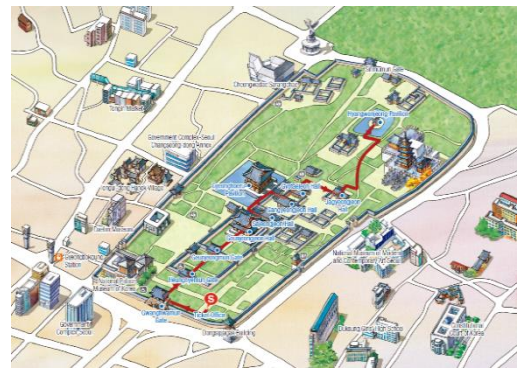
Cheonggyecheon Walking Course

- Taking a short break on the Cheonggyecheon Stream
- Length of tour: 1 ~2 hour



Gyeongbokgung Palace Walking Course

- Visit the heart and center of the Joseon Dynasty, Gyeongbokgung! The main palace of the Joseon Dynasty, where the glorious days of Joseon's political, economic and cultural affairs took place
- Tour duration: 2 hours
-



Program at a Glance

Oct. 25 (Tue.)		Oct. 26 (Wed.)		Oct. 27 (Thu.)	
08:30	Registration	09:00	PLENARY LECTURE II Chair: Dr. Seok-Jo, Kim (SCM Life Science, Korea) Dr. Jae-Sun Kang (Kyung-Sung Univ., Korea)		
09:20	Opening Ceremony & Welcoming Address Presided by Dr. Youn-Jung Kim (Incheon Nat'l Univ., Korea)	09:40	Coffee Break	09:30	SYMPOSIUM VI "A New Trend in Environmental Toxicogenetics & Toxicogenomics" Chair: Dr. Young Rok Seo (Dongguk Univ., Korea) Dr. Kitae Kim (Seoul Nat Univ. of Science and Technology, Korea) Dr. Sangkyu Lee (Kyungpook Nat'l Univ., Korea) Dr. Hajime Watanabe (Osaka Univ., Japan) Dr. Young Rok Seo (Dongguk Univ., Korea)
09:30	YOUNG SCIENTIST SESSION Chair: Dr. Whasun Lim (Sungkyunkwan Univ., Korea) Soo-Hyun Park (DGIST, Korea) Hye-Jin Eom (Incheon Nat'l Univ., Korea) Bong-Gu Lee (Kyung Hee Univ., Korea)	09:50	SYMPOSIUM IV "Aging and protein misfolding diseases" (Gacheon Univ. BK21 Session) Chairs: Dr. KyuHoon Han (KRIBB, Korea) & Dr. Seong Soo A. An (Gacheon Univ., Korea) Dr. Kenneth Hun Mok (Trinity college, Ireland) Dr. Haribabu Arthanari (Harvard University, USA) Dr. Christian Griesinger (Max Planck Institute for Biophysical Chemistry, Germany) Dr. David Eliezer (Cornell University, USA) Dr. Sun Yeou Kim (Gachon University, Korea)	11:30	KoEHS & KSTT Awards Ceremony Science and Best Poster Prize Awards & Fortune Tickets Closing Remarks
10:30	Coffee Break				
10:40	SYMPOSIUM I "Current and Future of ToxEHS" Chair: Dr. Myoung-Hwan Park (Sahmyook Univ., Korea) Dr. Xuexin duan (Tianjin Univ., China) Dr. Ji-Young Ahn (Chungbuk Nat'l Univ., Korea) Dr. Jae-Suk Choi (Silla Univ., Korea)	12:20	SPECIAL LUNCHEON SEMINAR II Chair: Hye-Jung Kim (ILIAS biologics co., Korea) - E-Biogen Time		
12:00	SPECIAL LUNCHEON SEMINAR I Chair: Hye-Jung Kim (ILIAS biologics co., Korea) - BN Korea time - Genomine Inc. time				
13:00	PLENARY LECTURE I Chair: Dr. Eunjoo Kim (DGIST, Korea) Dr. Taejun Han (Ghent Univ. Global campus, Korea)	13:20	Coffee, Poster Presentation & Booth Tour	14:00	Experiencing Korean Culture (Tour) (Free Time)
13:50	Coffee, Poster Presentation & Booth Tour	14:00	SYMPOSIUM V "International Human Micronucleus (HUMN) Project - Achievements, Emerging Knowledge, and Future Goals" Chair: Prof. Michael Fenech (University of South Australia, Australia) Prof. Michael Fenech (University of South Australia) Prof. Michael Fenech (University of South Australia) Prof. Siegfried Knasmueller (Medical University of Vienna, Austria)		
14:10	SYMPOSIUM II "Alternative approaches in Environmental Health Sciences" Chair: Dr. Eun Hee Jeoung (Gangneung-Wonju Nat'l Univ., Korea) Dr. Yoonhee Lee (DGIST, Korea) Dr. Kyung Taek Rim (KOSHA, Korea) Dr. Sang Hee Lee (NIER, Korea)	15:15	Coffee Break		
15:25	Coffee Break	15:25	Prof. Stefano Bonassi (IRCCS San Raffaele Roma, Rome, Italy) Prof. Siegfried Knasmueller (Medical University of Vienna, Austria) Prof. Stefano Bonassi (IRCCS San Raffaele Roma, Rome, Italy)		
15:40	SYMPOSIUM III "Effectiveness of a Reliable Toxicological Analysis in Environmental science" (CEET session) Chair: Dr. Ji-Young Ahn (Chungbuk Nat'l Univ., Korea) Dr. Sangjune Kim (Chungbuk Nat'l Univ., CEET, Korea) Dr. Soryong Ryan Chae (University of Cincinnati, USA) Dr. Sun-Woong Kang (Korea Institute of Toxicology, Korea)	16:45	KSTT Annual Membership Meeting (BALLROOM) General Assembly		
17:00	KoEHS Annual Membership Meeting General Assembly Science Prize Awards Closing Remarks	18:00	Gala Dinner Reception Hosted by KSTT & KoEHS		

**The First Joint Symposium of 18th ICT and 14th ICoEHS
- Scientific Program (Tentative) -**

October 25 (Tue), 2022 (Tentative)

KoEHS Day

08:30 - 09:20 Registration

09:20 - 09:30 Opening Ceremony & Welcoming Address

Presided by *Dr. Youn-Jung Kim (Incheon Nat'l Univ., Korea)*

Welcoming Address: *Seung-Shic Yum (KIOST, Korea)*

YOUNG SCIENTIST SESSION

Chair: *Dr. Whasun Lim (Sungkyunkwan Univ., Korea)*

09:30 - 09:50 Soohyun Park (DGIST, Korea)

Nanoscale characterization of exosomes derived from lung cancer cells with different EGFR mutations by AFM

09:50 - 10:10 Hye-Jin Eom (Incheon Nat'l Univ., Korea)

Sanderia malayensis as a promising model for understanding microplastic effects on jellyfish

10:10 - 10:30 Bong-Gu Lee (Kyung Hee Univ., Korea)

Analysis of bioaerosol in indoor and outdoor air of elementary school using 16S rRNA gene and ITS region sequencing

10:30 - 10:40 Coffee Break

SYMPOSIUM I

Current and Future of ToxEHS

Chair: *Dr. Myoung-Hwan Park (Sahmyook Univ., Korea)*

10:40 - 11:10 Dr. Xuexin duan (Tianjin Univ., China)

Printed 1D nanowires for biochemical sensing applications

11:10 - 11:35 Dr. Ji-Young Ahn (Chungbuk Nat'l Univ., Korea)

Structure-based innovative approach to analyze aptaprobe-biomarker complexes in carcinoma

11:35 – 12:00 Dr. Jae-Suk Choi (Silla Univ., Korea)

Food processing and functional food development: Aspects of toxicity testing

SPECIAL LUNCHEON SEMINAR – I

Chair: *Dr. Hye-Jung Kim (ILIAS biologics, Korea)*

12:00 - 12:30 "BN Korea Time" (BN Korea Co., Ltd)

12:30 – 13:00 “Genomine Time” (Genomine Inc.)

(This Seminar is supported by the companies above)

PLENARY LECTURE I

Chair: *Dr. Eunjoo Kim (DGIST, Korea)*

13:00 - 13:50 Dr. Taejun Han (Ghent Univ. Global Campus, Korea)

Diatoms for environmental mitigation and monitoring

13:50 - 14:10 Coffee, Poster Presentation & Booth Tour

SYMPOSIUM II

Alternative approaches in Environmental Health Sciences

Chair: *Dr. Eun Hee Jeoung (Gangneung-Wonju Nat'l Univ., Korea)*

14:10 - 14:35 Dr. Yoonhee Lee (DGIST, Korea)

Wafer scale fabrication of single CNT assembled field-effect transistor arrays for high-throughput single-molecule analysis

14:35 - 15:00 Dr. Kyung Taek Rim (KOSHA, Korea)

Adverse outcome pathway framework to predict the toxicity of chemicals for workers' health: A review and application

15:00 - 15:25 Dr. Sang Hee Lee (NIER, Korea)

The checklist to assess the weight of evidence of genotoxicity data

15:25 - 15:40 Coffee Break

SYMPOSIUM III

Effectiveness of a Reliable Toxicological Analysis in Environmental science (CEET session)

Chair: *Dr. Ji-Young Ahn (Chungbuk Nat'l Univ., Korea)*

15:40 - 16:05 ***Dr. Sangjune Kim (Chungbuk Nat'l Univ., Korea)***

Alpha-synuclein preformed fibrils-induced model of Parkinson's disease

16:05 - 16:35 ***Dr. Soryong Ryan Chae (University of Cincinnati, USA)***

Electrically active point-of-use filters for simultaneous removal and inactivation of pathogens in water and air

16:35 - 17:00 ***Dr. Sun-Woong Kang (Korea Institute of Toxicology, Korea)***

Food Processing and Functional Food Development: Aspects of Toxicity Testing

KoEHS Annual Membership Meeting

17:00 - 17:30 **General Assembly**

Science and Best Poster Prize Awards of KoEHS

17:30 - **Closing Remarks**

October 26 (Wed), 2022

KSTT Day

Plenary Lecture II

Chair: *Dr. Seok-Jo, Kim (SCM Life Science, Korea)*

09:00 - 09:40 ***Dr. Jae-Sun kang (Kyungsoong Univ., Korea)***

Development of new anti-viral drugs including COVID-19

09:40 - 09:50 Coffee Break

SYMPOSIUM IV

(Gacheon University BK21 Session)
Aging and protein misfolding diseases

Chair: Dr. KyuHoon Han (KRIBB, Korea) &
Dr. Seong Soo A. An (Gacheon Univ., Korea)

09:50 - 10:20 Dr. Kenneth Hun Mok (Trinity college, Ireland)

Protein misfolding/alterative folding with unexpected benefits: An anticancer therapeutic heading for Phase III clinical trials

10:20 - 10:50 Dr. Haribabu Arthanari (Harvard University, USA)

SAR by NMR for drug discovery

10:50 - 11:20 Dr. Christian Griesinger (Max Planck Institute for Biophysical Chemistry, Germany)

Detoxifying aggregating proteins involved in neurodegeneration

11:20 - 11:50 Dr. David Eliezer (Cornell University, USA)

Misfolded proteins in the brain: why are they there in the first place?

11:50 - 12:20 Dr. Sun Yeou Kim (Gachon University, Korea)

The potential anti-amyloidogenic candidate, SPA1413, for Alzheimer's disease

SPECIAL LUNCHEON SEMINAR – II

Chair: Dr. Hye-Jung Kim (ILIAS biologics, Korea)

12:20 - 13:20 "E-Biogen Time" (E-biogen Co.,)

(This Seminar is fully supported by E-Biogen Co.,)

13:20 - 14:00 Poster Presentation & Booth Tour

SYMPOSIUM V

International Human Micronucleus (HUMN) Project –Achievements, Emerging Knowledge, and Future Goal

Chair: Prof Michael Fenech (University of South Australia, Australia)

14:00 - 14:15 Prof Michael Fenech (University of South Australia)

A brief history of the human micronucleus (HUMN) project

14:15 - 14:50 Prof Michael Fenech (University of South Australia)

Molecular Mechanisms of Micronucleus formation and cellular health consequences

14:50 – 15:15 Prof Siegfried Knasmueller (Medical University of Vienna, Austria)

Micronuclei as biomarkers of nutritional deficiency or excess

15:15 - 15:25 Coffee break

15:25 - 15:50 Prof Stefano Bonassi (IRCCS San Raffaele Roma, Rome, Italy)

Micronucleus induction by physical genotoxic agents (e.g. asbestos, radiation)

15:50 - 16:15 Prof Siegfried Knasmueller (Medical University of Vienna, Austria)

Effect of exposure to chemical genotoxins on Micronucleus frequency

16:15 - 16:40 Prof Stefano Bonassi (IRCCS San Raffaele Roma, Rome, Italy)

Epidemiological association between Micronucleus formation and diseases

KSTT Annual Membership Meeting (BALLROOM)

16:45 - 17:30 General Assembly

Science and Best Poster Prize Awards of KSTT

18:00 - 21:00 “*Gala Dinner*” Reception with Fortune Tickets, and sing a song

Hosted by Organizing Committee of the Korean Society of Toxicogenomics and Toxicoproteomics and Korean Society of Environmental Health Science

October 27 (Thu), 2022

SYMPOSIUM VI

A New Trend in Environmental Toxicogenetics & Toxicogenomics

Chair: *Dr. Sungguan Hong (Chung-Ang Univ., Korea)*

09:30 - 10:00 *Dr. Kitae Kim (Seoul Nat'l Univ. of Science and Technology, Korea)*

Integration of Multi-omics Data Reveals the Toxicological Similarity of PFOS and Its Alternative PFBS in Neurotoxicity of Zebrafish Embryos.

10:00 - 10:30 *Dr. Sangkyu Lee (Kyungpook Nat'l Univ., Korea)*

Novel Time-dependent Multi-omics Integration to Explore Toxic Mechanisms

10:30 - 11:00 *Dr. Hajime Watanabe (Osaka Univ., Japan)*

Analysis of Translesion DNA Synthesis across Site-specific mono-adducts in Various TLS Polymerase-deficient Cells Established by the CRISPR/Cas9 Method

11:00 - 11:30 *Dr. Young Rok Seo (Dongguk Univ., Korea)*

An Integrated Toxicogenomic Study on Environmentally Hazardous Chemicals in Respiratory System

KoEHS & KSTT Awards Ceremony

11:30 - 11:50 Fortune Tickets and Closing Remarks

12:00 - *Experiencing Korean Culture Tour (Free Time)*

REGISTRATION FORM

2022 The 1st joint Symposium of 18th ICT and 14th ICoEHS

From Tuesday, Oct. 25 - Thursday, Oct. 27, 2022

at:

Hotel President in Seoul
16, Eulji-ro, Jung-gu,
Seoul, Republic of Korea

Name: _____ Mr / Ms / Dr
(Family Name) (First and Middle Name)

*국문 이름(성별): _____ Male / Female

Affiliation: _____

Phone: _____ Fax: _____

E-mail: _____

Registration Fees	Before Sep. 26	Late or Onsite
KSTT/KoEHS Regular Member	₩300,000 <input type="checkbox"/>	₩350,000 <input type="checkbox"/>
KSTT/KoEHS Postdoc/Student Member	₩200,000 <input type="checkbox"/>	₩250,000 <input type="checkbox"/>
Non-Member Regular	₩350,000 <input type="checkbox"/>	₩400,000 <input type="checkbox"/>
Non-Member Postdoc/Student	₩250,000 <input type="checkbox"/>	₩300,000 <input type="checkbox"/>
Meal application	Oct. 25 (Tue) Lunch	<input type="checkbox"/>
	Oct. 26 (Wed) Lunch	<input type="checkbox"/>
	Oct. 26 (Wed) Gala Dinner	<input type="checkbox"/>

Total payment won :

You must register to the conference homepage (www.kstt.or.kr).

***Payment by credit card (www.kstt.or.kr)**

or online banking (WOORIBANK: 1006-601-296919)

Registration Information Guide

- I. **The payment receipt may be issued at the registration desk.**

- II. **Full registration includes the following:**
 - Conference bag, name tag and program
 - Welcome gifts for conference attendees
 - Access to all conference events and exhibit hall
 - Three meals (a luncheon on Tuesday and Wednesday and a gala dinner reception on Wednesday)
 - Raffle prizes for winners

Abstract submission guidelines

- Abstracts for posters and oral presentations will be due **Sep. 26 (Mon), 2022**. They should be typed in MS Word (Mac or PC), single-spaced, using 12 point Times New Roman font, with 2.5 cm margins on top and sides and must be no longer than 200 words excluding the title, authors and affiliations. For multi-author presentations, please underline the presenting author.

- Oral presentations will be PowerPoint on an MS-Windows-based computer. Bring your ppt file on a USB drive and present it to the moderator for loading prior to the session in which you speak. Personal computers cannot be used for presentations. If you use a Mac to prepare your ppt, be certain all images embedded in your presentation are converted from .tif files to .jpg files. If you don't do this, you may have some blank slides projected during your talk.

- **Posters should be no larger than 2m high x 1m wide. KSTT and KoEHS will supply the poster mounts.**

- Please refer the example below for more information. Abstracts should be written as a Word file and submitted to the conference homepage (www.kstt.or.kr).

Example)

Current Issues of Toxicogenomics and Toxicoproteomics in Korea

Gil-Dong Hong¹, Kap-Dol Kim³, Ki-Bal Oh^{2,3}, and Mi-Nam Hwang⁴

¹Marine Biotechnology Laboratory and Research Institute of Oceanography, School of Earth and Environmental Sciences, ²Graduate School of Agricultural Biotechnology and ³Natural Products Research Institute in College of Pharmacy, Seoul National University, Seoul, ⁴College of Medicine, Chonnam National University, Kwangju, Korea

Human infections caused by bacteria and fungi become an formidable therapeutic challenge because of the recent appearance of antibiotic-resistance strains. The problem of bacteria and fungal resistance to drugs has been solved by the discovery of new classes of drugs such as the aminoglycosides, macrolides, and glycopeptides to date. Sponges have known as one of the richest sources of bioactive natural products among marine organisms. Metabolites from marine sponges possess various biological activities such as antimicrobial, antifungal, antiviral, immunosuppressive, anticancer, anti-inflammatory, neurotoxic, and cytotoxic activities. In the course of searching bioactive substances from Korean marine invertebrates, extracts of the two sponges among 200 specimens were screened out to be significantly antibacterial and antifungal. More than 20 different compounds were purified. Among them seven bioactive compounds were structurally characterized and two of them were found to be novel compounds. The first isolated compound was a novel pentacyclic sesterterpene with scalarane skeleton. The second compound was a novel cyclic depsipeptide of halicylindramide class. These compounds showed very potent antibacterial and antifungal activities against several pathogenic and fungal strains.