

**The 7th Asian Congress on Environmental Mutagens (ACEM)**  
**The 19th Chinese Environmental Mutagen Society Meeting (CEMS)**  
**Qingdao, Shandong, China**  
**(Third Announcement)**

The 7<sup>th</sup> Asian Congress on Environmental Mutagens/19<sup>th</sup> Chinese Environmental Mutagen Society Meeting 2022 (ACEM/CEMS 2022) which will be held November 4 - 7 in Qingdao, China, as previously scheduled. ACEM/CEMS 2022 will be held in a Hybrid Format.

ACEM/CEMS 2022 will be hosted by the Asian Association of Environmental Mutagen Societies (AAEMS) and the Chinese Environment Mutagen Society (CEMS). The theme of the ACEM/CEMS 2022 is **“The Impact of Global Change on Asian Environment and Genomic Health”**. The meeting is designed to provide attendees the opportunity to network with experts and disseminate the latest scientific developments on environmental mutagens in the Asia-Pacific region. The meeting covers the latest research progress in the environment and genomic health, frontier theory and technology. We wish to extend a warm welcome and invitation to you to participate in ACEM/CEMS 2022.

## Theme

The Impact of Global Change on Asian Environment and Genomic Health

## Committees

### Organizations

Asian Association of Environmental Mutagen Societies (AAEMS)

Chinese Environment Mutagen Society (CEMS)

### Organizers

School of Public Health, Qingdao University

School of Public Health, Sun Yat-sen University

### Chairman

Jia Cao, President of Chinese Environmental Mutagen Society

### Honorary Chairman

Shu-jun Cheng Yang Ke Dong-xin Lin Masamitsu Honma (Japan)

### Scientific Program Committee

**Co-Chairs** Wen Chen Tian-bao Zhang

**Vice-Chairs** Wei-dong Qu Wei Huang

### Members

Lin Ao Sepideh Arbabi Bidgoli (Iran) Scott Byrne(Australia) Rui Chen  
Zhi-hui Feng Amelia P. Guevara (Philippines) Ai-hua Gu Feng Hong  
Wei Huang Yi-guo Jiang Hai-dong Kan Kwon-Wook Kang (Korea)  
Ge-yu Liang Jian-meng Liu Huang-yuan Li Yang Luan Wen-jing Luo  
Da-ru Lu Takehiko Nohmi (Japan) Shuang-qing Peng Jing-bo Pi  
Radha Saraswathy (India) Malyn Ungsurungsie (Thailand) Yan-hong Wei  
Li-jun Wu Yong-jun Wu De-xiang Xu Ya-jun Xu Yuan-yuan Xu  
Masami Yamada (Japan) Xingfeng Yang Dian-ke Yu Hui-dong Zhang  
Rong Zhang

## Organizing Committee

**Co-Chairs** Yu-xin Zheng Wei-dong Hao

**Vice-Chairs** Yue-pu Pu Jun Yang

## Members

Guang-hui Dong Su-di Gao Xiao-ting Jin Jin-yi Liu Qi-zhan Liu Yan Li

Qiao Niu Lan-qin Shang Zhi-wei Sun Jing-long Tang Bao-en Shan

Qing Wang Xu Wang Xue-tao Wei Shuang Wu Wei-dong Wu

Li-hong Yin Wu Yao Ai-hua Zhang Li-shi Zhang Xiu-lan Zheng

Jin-ping Zheng Zhi-jun Zhou Jiang-bo Zhu

## Congress Date and Venue

**Date:** November 4 - 7, 2022

### Schedule outline:

<b>November 4</b>	<b>Registration</b>
<b>November 5</b>	<b>Morning: Opening Ceremony, Keynote and Plenary Lectures</b> <b>Afternoon: Symposia</b>
<b>November 6</b>	<b>Morning: Symposia, Youth Forum of Science &amp; Technology</b> <b>Afternoon: Symposia and Assembly Meeting of CEMS</b>
<b>November 7</b>	<b>Morning: Plenary Lectures &amp; Closing Ceremony</b>

**Venue:** HUALUXE® Qingdao Licang Hotels and Resorts (Qingdao, China).

## Congress Lectures & Session Topics

ACEM/CEMS 2022 will proceed through a series of the keynote and plenary lectures, symposia, youth forums of science & technology, and poster exhibition session.

## Plenary Lectures



**Prof. Thomas Hartung**

*Johns Hopkins Bloomberg School of Public Health, United States*

**Title:** How AI Can Beat Animal Testing at Finding Toxic Chemicals as Potential Carcinogen.



**Dr. Federica Madia**

*The International Agency for Research on Cancer (IARC), France*

**Title:** IARC Monographs on the Identification of Carcinogenic Hazards to Humans.



**Prof. Aristides M. Tsatsakis**

*Department of Forensic Sciences and Toxicology, Faculty of Medicine, University of Crete, Greece*

**Title:** Applying an Integrative Approach for Risk Assessment on The Effects of Chemical Mixtures in The Context of Real-Life Risk Simulation.



**Prof. Masami Yamada**

*National Defense Academy, Japan*

**Title:** The Future of Genome Research in Asia.



**Prof. Keon Wook Kang**

*College of Pharmacy, Seoul National University, Korea*

**Title:** Effects of Circulating Small Extracellular Vesicle on Cancer Metastasis and Chemoresistance.



**Academician Dongxin Lin**

*Chinese Academy of Medical Sciences, China*

**Title:** A Body Map of Somatic Mutagenesis in Morphologically Normal Human Tissues.



**Prof. Wei Huang**

*Peking University School of Public Health, China*

**Title:** Air Pollution Exposure Mitigation and Health Intervention: Insights from Source-Specific Cardiorespiratory Impairments.



**Prof. Hailin Wang**

*Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences*

**Title:** DNA Demethylation and Environmental Health Effects.

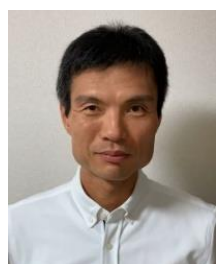
## Symposia Lectures in English



**Prof. Haruhiko Sugimura**

*School of Medicine, Hamamatsu University, Japan*

**Title:** DNA Adduct Analysis and Cancer Prevention.



**Dr. Kiyohiro Hashimoto**

*Drug Safety Research and Evaluation, Takeda Pharmaceutical, Japan*

**Title:** QSAR Prediction of Ames Mutagenicity.



**Prof. Shunichi Takeda**

*School of Medicine, Shenzhen University, China*

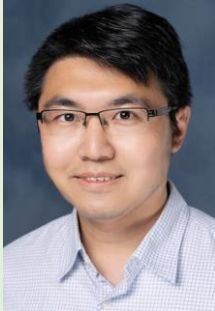
**Title:** Discovery of Functional Link between DNA Double-strand Break Repair and the Early Transcriptional Response to the Sex Hormone.



**Prof. Ki Taek Nam**

*College of Medicine, Yonsei University, Korea*

**Title:** Enhanced Gastric Tumorigenesis by Accumulation of Tumor-Associated Macrophage in the Absence of Histamine Signal.



**Research Assistant Prof. Wei-Chun Chou**

*Department of Environmental and Global Health, University of Florida, United States*

**Title:** Development of Physiologically Based Pharmacokinetic (PBPK) Models Within Bayesian Framework for Perfluorooctane Sulfonate (PFOS) and Its Implications in the Derivation of Health-Based Toxicity Values.



**Prof. Nan Sang**

*College of Environment and Resource, Shanxi University, China*

**Title:** Injury Target, Toxic Effect and Molecular Mechanism of Atmospheric Pollutants from Coal-Burning Area.



**Prof. Hua Wang**

*School of Public Health, Anhui Medical University, China*

**Title:** Maternal Cadmium Exposure During Gestation Impairs Hippocampal Neurogenesis and Cognition via Reducing Placenta-Derived Estrogen in Offspring.



**Prof. Yuanyuan Xu**

*Division of Scientific Research, China Medical University, China*

**Title:** The Emerging Role of Nfe2l1 in Carcinogenesis: Action as and Beyond a Transcription Factor.



**Prof. Yanhong Wei**

*School of Public Health, Sun Yat-sen University, China*

**Title:** The Cardiovascular Toxicity of Aryl Organophosphate Flame Retardants in Embryonic Development.



**Prof. Yang Luan**

*School of Public Health, Shanghai Jiao Tong University, China*

**Title:** Integrated-Studies Interpreted Oligophagous Butterfly Tolerate to Strong Mutagen Aristolochic Acids.



**Prof. Yankai Xia**

*School of Public Health, Nanjing Medical University, China*

**Title:** Paternal Environmental Stress: From Sperm Epigenome to Offspring Synapse Organization.



**Prof. Tiantian Li**

*National Institute of Environmental Health, Chinese Center for Disease Control and Prevention*

**Title:** Airborne PM<sub>2.5</sub> Exposome and Cardiovascular Health: A Population-based Integrated Methodology Establishment and Application.





**Prof. Dianke Yu**

*School of Public Health, Qingdao University*

**Title:** A Toxicity Pathway-Based Approach to Develop Adverse Outcome Pathway.



**Prof. Da Chen**

*School of Environment, Jinan University*

**Title:** Analytical Development for Environmental Exposome Research.



**Associate Prof. Kai Luo**

*School of Public Health, Southeast University, China*

**Title:** Metabolic Mechanisms and Toxic Effects of Polycyclic Aromatic Hydrocarbons Regulated by CYP Enzymes Under Combined Pollution.



**Associate Prof. Ting Xiao**

*National Cancer Center/National Clinical Research Center for Cancer/Cancer Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, China*

**Title:** Applying Multi-Omics Approach to Reveal the Lung Cancer Biomarker.

During the meeting of ACEM/CEMS 2022, the 10<sup>th</sup> executive committee meeting of AAEMS, general assembly meeting of CEMS will be held.

ACEM/CEMS 2022 will be held in **Hybrid Format**: participants can join **In Person** at Qingdao, China or **Virtually** from home or work. The working language of the congress is **English and Chinese**.

## Call for Abstracts

The ACEM/CEMS 2022 Scientific Program Committee invites all individuals to submit abstracts.

### Subjects (but not limited to):

DNA damage and repair	Environmental mutagenesis and genomic instability
Toxicity mechanisms of environmental chemicals	Genetic and health risk assessment of environmental chemicals
Exposure science and exposome	Genetics and epigenomics
Computational modeling and bioinformatic analysis	Applications of new technology and approach in mutagenesis

### Submission Guidelines

1. All abstracts should be submitted online via the ACEM/CEMS 2022 website.
2. All abstracts should be written clearly **in English (with a title in both English and Chinese)** not more than 500 words, including title and abstract. The number of authors should be no more than 15 and the affiliated institutions should be no more than 3. Email address of the corresponding author should be provided. (The template and instructions for abstracts submission have been provided at the end of the announcement).
3. All submitted abstracts will be reviewed by the Scientific Program Committee. Notification of abstract acceptance and invitation of oral presentation will be sent to the corresponding author via e-mail.
4. Acknowledgment of your submission will be sent to your registered e-mail address for confirmation. You can update or modify your abstract on ACEM/CEMS 2022 website **prior to September 30, 2022**.
5. The deadline for abstract submission will be **EXTENDED to September 30, 2022**.

## Poster Presentation Guidelines

1. The poster size for all paper posters is A0 portrait format, 841 mm x 1189 mm.
2. The posters are required to include the title (consistent with the title of abstract), authors, affiliated institutions and Email address of the corresponding author.

## Registration Fees & Types

1. The participants are required to register **online**.  
 ACEM/CEMS website: <https://www.acemqd.com/>
2. Participants may register and pay registration fees online at the congress website.

### Registration Fees:

Category	In-Person		Virtual	
	Overseas participants	Domestic participants	Overseas participants	Domestic participants
<b>CEMS member</b>	<b>\$300 USD</b>	<b>¥1,800</b>	<b>\$50 USD</b>	<b>¥300</b>
<b>Non-member</b>	<b>\$300 USD</b>	<b>¥2,100</b>	<b>\$50 USD</b>	<b>¥400</b>
<b>Student</b>	<b>\$200 USD</b>	<b>¥1,000</b>	<b>\$40 USD</b>	<b>¥200</b>

### Registration Payment:

The registration fees should be paid through banking transfer. Payment must be made in US Dollars (USD).

Direct bank transfers should be made to the account below.

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Intermediary Bank's Name:	Citi bank N.A., New York
SWIFT Code:	CITIUS33
Beneficiary's Banker's Name:	Bank of Qingdao
SWIFT Code:	QCCBCNBQ
Beneficiary's Name:	Shandong Techange Education Consulting Co., LTD.
Beneficiary's Account NO. :	802130200942208
Beneficiary's Address:	Room 200-42, Block C, Qingdao Maker Street, No.306 Ningxia Road, Laoshan District, Qingdao City, Shandong Province
Zip code:	266100

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Fees must be transferred under the registrant's name. The information of name and affiliation should be provided in Reference for beneficiary (RFB). All bank fees for remittance should be paid by the participant. Receipt of remittance will be sent by e-mail (ACEM-2022@cnems.org.cn) for confirmation. If you do not receive your payment confirmation letter via email, please contact the secretariat (ACEM-2022@cnems.org.cn).

3. The congress would be postponed or cancelled due to the outbreak of COVID-19. Each participant must obey and abide by the epidemic prevention policies of the state and local governments. Should the congress be cancelled, a full refund will be made.

**Special instruction for foreign guests:** Foreign guests attending the Conference on-site shall strictly abide by China's prevention and control regulations against COVID-19. Starting from August, 2022, Qingdao city has taken the following measures for the control of COVID-19. All passengers arriving in Qingdao from abroad must report to the local epidemic control department 3 days prior to arrival. After arriving in Qingdao, 7-day centralized quarantine and following 3-day medical observation at home or hotel are required. During the centralized quarantine, 5 times nucleic tests against COVID-19 are required. At the end of the following 3-day medical observation at home or hotel, a nucleic test is required for official release from quarantine. To avoid the troubles from the cancellation of booked flight tickets, hotels and refund of the registration fee, we strongly recommend that the foreign participants don't make a travel plan before October 1<sup>st</sup>. We will inform foreign participants on updated epidemic prevention policies as soon as they are made public.

## Contacts us

**ACEM/CEMS 2022 Secretariat** Rui Zhang E-mail: [ACEM-2022@cnems.org.cn](mailto:ACEM-2022@cnems.org.cn)

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**Scientific Organization:** Sun Yat-sen University

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**Finance:** Qingdao University

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AAEMS

中国环境诱变剂学会  
Chinese Environmental Mutagen Society

Lin Lu, Email: [lulin163@126.com](mailto:lulin163@126.com)

**Exhibitions:** Qingdao University

Yongfeng Lin, Email: [sdlinyongfeng@163.com](mailto:sdlinyongfeng@163.com)

Xiaoting Jin, Email: [xtjin@qdu.edu.cn](mailto:xtjin@qdu.edu.cn)

## Attachment

### Template/ Instructions for Abstracts of ACEM/CEMS 2022

#### **Title of presentation [14pt, bold, middle]**

Leave a blank line

Author(s), E-mail address [10.5pt, middle]

[Family name (First capital letters), given name (initial mid-name, if any); separated by comma(s), 10.5pt, plain text, middle; superscript star (\*) for corresponding author, superscript a, b, c, et al. for different affiliations]

Affiliation(s) [10.5pt, middle]

[Department, School, University, Address, postal code, 10.5pt, plain text, middle]

[Different affiliations begin with a new line]

**Abstract:** free style, 12pt, plain text, 1.0Space (no more than 500 words)

**Keywords:** [no more than 5 Keywords, 10.5pt, bold]

All text in “Times New Roman”

Please keep your abstract in one page, thanks.