

The First Announcement of the 2025 (The 8th) International Conference on Toxicity Testing Alternatives and Translational Toxicology (July 2nd – 5th, 2025; Chengdu, Sichuan, China)

New Approach Methodologies (NAMs) for non-animal toxicity testing alternatives form the cornerstone of technologies and strategies essential for next-generation risk assessment (NGRA). The rapid advancement in modern life sciences, combined with their integration into systems biology, computational science, informatics, materials science, and engineering, has enabled the development of various toxicological NAMs. These methodologies are now widely utilized across numerous sectors, including pharmaceuticals, food, cosmetics, and chemicals, and have progressively gained regulatory and administrative acceptance.

To further advance alternative toxicity testing methods and translational toxicology in China, the 8th International Conference on Toxicity Testing Alternatives and Translational Toxicology will convene in Chengdu, Sichuan, China, from July 2 to 5, 2025. This event seeks to enhance communication and collaboration among scientists, technologists, industry professionals, and regulatory authorities, while also fostering academic exchanges and cooperation both domestically and internationally. Experts, scholars, industry representatives, and managers in toxicology and related fields are warmly invited to participate in the conference and contribute to scientific and technological progress, as well as industrial development, in this domain.

1. Hosts

- Committee of Toxicity Testing and Alternatives, Chinese Environmental Mutagen Society (CEMS)
- Committee of Toxicological Alternative and Translational Toxicology, Chinese Society of Toxicology (CSOT)
- Committee of Food Toxicology, CSOT
- Committee of Biological Effects of Reactive Oxygen Species, CEMS

2. Organizers

West China School of Public Health, Sichuan University

3. Date and Venue

Date: July 2nd -5th, 2025

Venue: Chengdu Sichuan

4. Speakers and Topics

The conference will feature keynote presentations, special sessions, a poster exhibition, and continuing education courses. Esteemed experts in the field of alternatives and

translational toxicology are invited as keynote speakers. Both national and international scientists and experts in these fields are encouraged to present at the conference. Additionally, the "Youth Outstanding Investigator Award" will be selected and conferred.

The official languages of the conference are Chinese or English. The conference will primarily focus on, but is not limited to, the following topics:

1. Adverse Outcome Pathway (AOP) and Chemical Risk Assessment (Code 001)
2. Next-Generation Risk Assessment Strategies (NGRA) in Cosmetic Evaluation (Code 002)
3. Integrated Approaches to Testing and Assessment (IATA) in Food Safety Assessment (Code 003)
4. New Approach Methodologies (NAMs) in Drug Safety Assessment (Code 004)
5. Mechanisms of Translational Toxicology Based on Free Radicals and Oxidative Stress (Code 005)
6. Toxicity Pathway Perturbation and Mechanisms of Translational Toxicology (Code 006)
7. Development and Application of Organoids and Organ-on-a-Chip (Code 007)
8. Prediction of Toxicity by Computational Simulation and Artificial Intelligence (Code 008)

5. Abstract submission requirements

Submissions of abstracts on conference-related topics are invited. Abstracts may be submitted in Chinese or English and must not exceed 1000 words. Each submission should include the title, author name(s), affiliation(s), and the email address of the corresponding author. **Please ensure that the appropriate subject code (001 to 008) is clearly indicated during manuscript submission.**

6. Schedule

July 2, 2025 (Wednesday)	Full day: Registration Afternoon: Continuing education courses Committee meetings of CSOT/CEMS
July 3, 2025	Morning: Opening ceremony, keynote presentations Afternoon: Special sessions, Poster exhibition
July 4, 2025	Morning: Special sessions, Poster exhibition Afternoon: Keynote presentations, closing ceremony
July 5, 2025	Representative departure

7. Important Dates

November 10, 2024	Release of the 1 st announcement of the conference
March 28, 2025	Release of the 2 nd announcement of the conference (Keynote speakers will be included)
May 30, 2025	Deadline of abstract collection, early-bird registration
June 15, 2025	Conference hotel reservation
July 2, 2025	In-site registration

8. Registration fee and Payment

	Before 2025/05/30	After 2025/05/31
CSOT or CEMS Member	1800 RMB	2000 RMB
Nonmember	2000 RMB	2200 RMB
Student	1400 RMB	1600 RMB

Bank: Industrial and Commercial Bank of China, Beijing Yongding Road Sub-branch

Account name: Chinese Society of Toxicology

Account number: 9558850200000851373

9. Contacts

Website: For more information and updates on the conference, please visit the website of the Chinese Society of Toxicology (www.chntox.org), to register, submit abstracts and book conference hotel.

Scientific organizers:

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