CreoVate CONFERENCES

2ND INTERNATIONAL CONFERENCE ON
TOXICOLOGY AND APPLIED PHARMACOLOGY

MAY 27–29, 2027 | PRAGUE, CZECH REPUBLIC

Welcome to Toxicology 2027

Venue: OREA Hotel Angelo Prague, Radlická 3216/1g, 150 00 Prague 5 – Smíchov, Czech Republic

Dear Colleagues and Participants,

It is my great pleasure to welcome you to the **2nd International Conference on Toxicology and Applied Pharmacology (Toxicology 2027)**, taking place **May 27–29, 2027, in Prague, Czech Republic**.

Following the foundation established by our inaugural meeting, the second edition brings together scientists, toxicologists, pharmacologists, clinicians, regulatory experts, industry professionals, and emerging researchers to continue meaningful scientific exchange across the evolving landscape of toxicology and applied pharmacology.

Toxicology today extends beyond hazard identification, connecting mechanistic and translational science, advanced models, emerging technologies, regulatory decision-making, and human health. Toxicology 2027 has been structured to bring these perspectives together and encourage discussion across disciplines.

Our scientific program brings together **plenary and keynote perspectives, featured presentations, specialized symposia, interactive discussion, and poster-based scientific exchange**.

We hope this meeting will inspire **new collaborations, critical scientific thinking, and practical perspectives** on the challenges shaping the future of toxicology and pharmacology.

I extend my sincere appreciation to our **Conference Chair, Conference Co-Chair, speakers, researchers, delegates, organizing committee, and partners** for their valuable contributions to this meeting.

Please note: This is a preliminary program. Session schedules, presentation titles, speakers, and timings may be refined as the scientific program develops. The final program will reflect the confirmed schedule.

Thank you for being part of **Toxicology 2027**. I look forward to welcoming you to Prague for three days of scientific exchange, discussion, and collaboration.

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Conference Leadership — Toxicology 2027

The second edition continues under the scientific leadership of **Prof. Sanjay K. Srivastava** and **Ms. Mayla Dornas**, whose expertise and guidance contribute to the development of the conference's scientific direction and program.

Conference Chair



Prof. Sanjay K. Srivastava
Distinguished Professor at the Texas Tech University Health Sciences Center, USA

Conference Co-Chair



Ms. Mayla Dornas
Founder & Regulatory Toxicology and Ecotoxicology Consultant
Soluneer, Portugal

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SCIENTIFIC PROGRAM OVERVIEW

Three Days of Scientific Exchange, Specialized Discussion and Collaboration

Toxicology 2027 brings together scientists, toxicologists, pharmacologists, clinicians, regulatory experts and industry professionals to explore emerging challenges in toxicology and applied pharmacology.

SPECIALIZED SYMPOSIUM I	SPECIALIZED SYMPOSIUM II
Beyond the Dose–Response Curve: Contextual and Organ-System Toxicity of Psychedelics A focused scientific session exploring contextual factors, organ-system toxicity, psychedelic safety assessment and regulatory science, followed by a moderated panel discussion. *Proposed by Craig F. Ferris, PhD*	**Chemical Pharmacology** A specialized scientific session dedicated to chemical pharmacology. Further details, including the speaker lineup and session format, will be confirmed. *Coordinated by Fatima Ceniceros Salazar, ConsulticX, USA*

INDUSTRY PARTICIPATION

BIOCAD — Registered delegates from BIOCAD will participate in Toxicology 2027, bringing industry perspectives alongside academic and scientific contributions.

MEDIA PARTNER

Toxics — MDPI is acknowledged as a media partner of Toxicology 2027.

The following pages present the preliminary scientific schedule, including speakers, presentation titles and session timings. Details may be refined as the program is finalized.

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Day 1 | May 27, 2027	
08:30–09:00	**On-Site Registration & Badge Collection**
09:00–09:20	**Opening Ceremony led by Conference Chair Prof. Sanjay K. Srivastava and Conference Co-Chair Ms. Mayla Dornas**
Translational Toxicology, Advanced Models & Predictive Science	
09:20–09:55	***Plenary Presentation-01*** **Lars Siim Madsen:** Chief Scientific Officer (CSO), Ellegaard Göttingen Minipigs, Denmark **Title:** Enhancing Translational Success in Drug Development: The Göttingen Minipig as a Preclinical Model
09:55–10:30	***Plenary Presentation-02*** **Sanjay K. Srivastava:** Distinguished Professor at the Texas Tech University Health Sciences Center, USA **Title:** TBA
10:30–10:45	**Coffee Break & Scientific Networking**
10:45–11:15	***Keynote Presentation-01*** **Bruno Filippi:** Vice President of Liver Safety at InSphero, Switzerland **Title:** Integrating Advanced In Vitro Models in Drug Safety Assessment: The Case of Primary Liver Spheroids
11:15–11:45	***Keynote Presentation-02*** **Julia Pletz:** Independent Computational Toxicologist, United Kingdom **Title:** PBPK and Mechanistic Mathematical Models for Investigating Immune-Mediated Toxicities
11:45–12:15	***Keynote Presentation-03*** **Piyan Zhang:** Senior Scientist, Medicilon USA Corp, USA **Title:** Translational and Regulatory Strategies for Advanced Therapies: From Nonclinical Design to Clinical Success
12:15–12:35	***Featured Presentation-01*** OPEN — Invited Featured Speaker
12:35–12:45	**Official Conference Group Photograph**
12:45–13:45	**Lunch Break & Scientific Networking**
13:45–14:20	***Plenary Presentation-03*** OPEN — Invited Plenary Speaker

14:20–14:50	***Keynote Presentation-04*** **Carsten Goebel:** Co-Founder, BBCG Toxicology & Safety Science, European Registered Toxicologist (ERT), Germany **Title:** Next Generation Risk Assessment: From Mechanistic Models to Weight-of-Evidence Decision Frameworks for Dermal and Systemic Exposure
14:50–15:25	**Plenary Presentation-04** OPEN — Invited Plenary Speaker
15:25–15:45	**Featured Presentation-02** OPEN — Invited Featured Speaker
15:45–16:00	**Coffee Break & Scientific Networking**
16:00–16:30	***Keynote Presentation-05*** **Murilo Pazin:** Toxicology Consultant at CDPI Pharma, Brazil **Title:** Pharmaceutical Impurity Qualification: Integrating Toxicological Evidence, (Q)SAR and Expert Review
16:30–16:50	***Featured Presentation-03*** **Ahmet Baba:** BeKa Detox KFT, Hungary Title: TBA
16:50–17:50	***Poster Presentation & Scientific Networking*** Open for Poster Presentations
17:50–18:00	**Day 1 Scientific Highlights**

Day 2 | May 28, 2027	
Environmental Toxicology, Chemical Exposure & Human Health	
09:20–09:55	***Plenary Presentation-05*** **Matthew Wright:** Emeritus Professor of Toxicology, Newcastle University, United Kingdom, Editor-in-Chief, Food and Chemical Toxicology **Title:** Methylimidazolium Ionic Liquids – A New Class of Forever Chemicals with Endocrine Activity
09:55–10:30	***Plenary Presentation-06*** **Svetolik Spasić:** Faculty of Medicine, University of Belgrade, Serbia **Title:** Cyanotoxins and their Neurotoxic Potential - Drivers of Neurodegenerative Processes
10:30–10:45	**Coffee Break & Scientific Networking**
10:45–11:15	***Keynote Presentation-06*** **Miguel Canul Caamal:** Clinical Toxicologist & Emergency Medicine Specialist, Hospital Juárez de México, Mexico **Title:** Pesticide Exposure and Poisoning in Mexico and Latin America: Identification of Short- and Long-Term Complications in the Exposed Population

11:15–11:45	***Keynote Presentation-07*** **Marcelo Vieira:** Founder, Safe! Safer Cosmetics, Regulatory Toxicologist, Brazil **Title:** Cosmetic Safety Assessment as a Business Strategy: How Modern Safety Science Builds Consumer Trust and Brand Reputation
11:45–12:15	***Keynote Presentation-08*** **Santiago Andrés Farfán Rea:** Specialist in Toxicology, Hospital Universitario Austral, Argentina **Title:** Emergency Management of Cannabis and New Psychoactive Substances Intoxication: New Challenges for Emergency Physicians in Latin America
12:15–12:35	***Featured Presentation-04*** **Janniny Fernanda Lopes Mendes Figueiredo:** Unimontes: State University of Montes Claros, Brazil **Title:** Real-World Clinical Outcomes of THC-Rich Medicinal Cannabis Oils: Sleep, Quality of Life, and the Brazilian Experience
12:35–12:45	**Official Conference Group Photograph**
12:45–13:45	**Lunch Break & Scientific Networking**
13:45–14:20	***Plenary Presentation-07*** **Mark Crosswhite:** Founder-ConsulticX Sciences Corp, USA Title: TBA
14:20–14:50	***Keynote Presentation-09*** **Tatiana Mitkova:** Newchem OÜ, Estonia **Title:** From Hazard to Real-World Risk: Integrating Toxicology, Exposure and Environmental Safety
14:50–15:20	***Keynote Presentation-10*** **Analía V. Juarez Castiñeiras:** Hospital General de Agudos Dr. Juan A. Fernández, Argentina **Title:** Glyphosate Exposure and Human Health: Environmental Toxicology, Risk Assessment and Emerging Challenges
15:20–15:35	**Coffee Break & Scientific Networking**
15:35–18:05	***Specialized Symposium I*** **Title:** Beyond the Dose–Response Curve: Contextual and Organ-System Toxicity of Psychedelics **Proposed by:** Craig F. Ferris, PhD, Center for Translational Neuroimaging, Northeastern University, Boston, MA, USA Five scientific presentations followed by a moderated panel discussion examining contextual factors, organ-system toxicity and the implications for psychedelic safety assessment and regulatory science. Proposed format; speaker lineup and detailed schedule subject to confirmation.
18:05–18:15	**Day 2 Scientific Highlights**

Day 3 | May 29, 2027	
Regulatory Toxicology, NGRA, NAMs & the Future of Toxicology	
09:20–09:55	***Plenary Presentation-08*** **M. Betül Yerer Aycan:** Erciyes University, Türkiye **Title:** From Population Thresholds to Personal Risk: Pharmacogenomics as the Future of Toxicology
09:55–10:30	***Plenary Presentation-09*** **Mayla Dornas:** Founder & Regulatory Toxicology and Ecotoxicology Consultant, Soluneer, Portugal **Title:** TBA
10:30–10:45	**Coffee Break & Scientific Networking**
10:45–11:15	***Keynote Presentation-11*** **Mostafa Ould Elhkim:** Regulatory Toxicologist | Lecturer, UPEC, France **Title:** Regulatory Toxicology in Transition: From Hazard Identification to Evidence-Based Risk Assessment
11:15–11:45	***Keynote Presentation-12*** **Barry Hardy:** Chief Executive Officer, Edelweiss Connect GmbH; President, OpenTox Association, Switzerland **Title:** From Data to Decisions: Building Trusted Human-AI Evidence Workflows for Next Generation Risk Assessment and Safe and Sustainable by Design
11:45–12:15	***Keynote Presentation-13*** **Augustine K. Agyekum:** Founder of The Agyekum Group, USA **Title:** Building the Future of Scientific Safety Governance
12:15–12:35	**Viktorija Kirjakulova:** Toxicologist at BAT, UK **Title:** From Hazard Identification to Risk Assessment: Evaluating the Toxicological Safety of Tobacco and Vapour Products
12:35–12:45	**Official Conference Group Photograph**
12:45–13:45	**Lunch Break & Scientific Networking**
13:45–14:20	***Plenary Presentation-10*** OPEN — Invited Plenary Speaker
14:20–14:50	***Keynote Presentation-14*** **Otakar Jiří Mika:** Police Academy of the Czech Republic in Prague, Czech Republic **Title:** Prevention and Preparedness for Serious Chemical Accidents in the Czech Republic
14:50–15:25	***Plenary Presentation-11*** OPEN — Invited Plenary Speaker
15:25–15:45	***Featured Presentation-06*** OPEN — Invited Featured Speaker
15:45–16:00	**Coffee Break & Scientific Networking**

16:00–16:30	***Keynote Presentation-15*** **Jose W. Rodríguez-Zayas:** Universidad Ana G. Méndez, Cupey Campus, Puerto Rico, USA **Title:** Emerging Contaminants and Human Health: From PFAS and Nanomaterials to Next-Generation Risk Assessment
16:30–18:00	***Specialized Symposium II — Chemical Pharmacology*** **Coordinated by:** Fatima Ceniceros Salazar, ConsulticX, USA Symposium Speakers — TBA
18:00–18:10	**Closing Ceremony & Conference Highlights**

Advancing Toxicology Through Scientific Dialogue

As we gather in **Prague** for the second edition of the *International Conference on Toxicology and Applied Pharmacology*, we invite you to be part of a scientific meeting built around **exchange, discussion, and collaboration**.

From **May 27–29, 2027**, Toxicology 2027 will bring together researchers, toxicologists, pharmacologists, clinicians, regulatory experts, industry professionals, and emerging scientists to explore the evolving challenges and opportunities shaping **toxicology, applied pharmacology, human health, and safety science**.

The scientific program has been designed to go beyond a sequence of presentations, bringing together **plenary and keynote perspectives, featured presentations, specialized symposia, poster presentations, and interactive discussion**.

Protected Time for Scientific Discussion

Dedicated time for audience questions and discussion is incorporated into the scientific program, encouraging direct exchange between speakers and participants and allowing important scientific perspectives to be explored beyond the presentation itself.

We believe that the value of a scientific meeting is not measured only by the information presented, but also by the **questions it generates, the perspectives it connects, and the collaborations it inspires**.

A Broad and Evolving Scientific Scope

Toxicology 2027 welcomes contributions across the **full spectrum of contemporary toxicology and applied pharmacology**. The topics represented in this preliminary program reflect the contributions confirmed at the current stage and **are not intended to limit the scientific scope of the conference**.

Additional presentations, specialized topics, and session themes will continue to be incorporated as the scientific program develops, based on **submitted abstracts, invited contributions, and emerging areas of scientific interest**.

Your Expertise Matters

We welcome researchers, clinicians, regulatory experts, industry professionals, and emerging scientists working across established and emerging areas of toxicology and applied pharmacology.

Your research, questions, and perspectives contribute to the scientific conversation.

We look forward to welcoming you to **Prague** for three days of meaningful scientific exchange, critical discussion, and collaboration.

Together, let us advance the science of toxicology and applied pharmacology.

Contact

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MODERN CONFERENCE FACILITIES
COMFORT & HOSPITALITY
GLOBAL EXPERTS
Connecting leading researchers, scientists, and professionals worldwide.
SCIENTIFIC EXCELLENCE
Showcasing cutting-edge research and innovations in toxicology and pharmacology.
MEANINGFUL COLLABORATION
Building partnerships that drive impactful discoveries and better outcomes.
PATIENT SAFETY
Buidncing strategies that protect human health and environmental safety.
A BETTER TOMORROW
Advancier, shaping a safer and healthier future through science and innovation.
Warm regards,
RAM CHARAN
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