



International Conference on **Toxicology and** **Applied Pharmacology**



May 28-29, 2026



Barcelona, Spain



FINAL PROGRAM

SCAN TO MORE INFO

Welcome Message from the Conference Chair

On behalf of the Organizing and Scientific Committees, it is my great pleasure and honor to welcome you to the International Conference on Toxicology and Applied Pharmacology, which will be held May 28-29, 2026, in Barcelona, Spain.

This conference aims to bring together leading international researchers, scientists, clinicians, industry professionals, and policymakers to present their latest findings, exchange ideas, and explore new collaborations in the fields of toxicology and applied pharmacology. Our goal is to create a vibrant platform where innovative research, emerging technologies, and practical applications converge to address some of the most pressing challenges in human health, environmental safety, and drug development.

The Toxicology and Pharmacology 2026 Conference is designed to foster meaningful dialogue and interdisciplinary collaboration across academia, industry, and regulatory sectors. Through engaging scientific sessions and discussions, participants will have the opportunity to share discoveries, evaluate emerging trends, and develop collaborative strategies that advance scientific knowledge and translational impact.

This year's conference will particularly emphasize:

- Integrating academic excellence with regulatory relevance
- Bridging laboratory science with applied pharmacological impact
- Encouraging responsible innovation in global toxicological research
- Advancing meaningful dialogue between academia, industry, and policymakers

Over the course of these two days, we look forward to a series of exciting and thought-provoking scientific presentations, insightful discussions, and networking opportunities that will strengthen professional connections and inspire future research collaborations.

Toxicology 2026 is envisioned as a high-impact international platform to elevate scientific standards, promote responsible innovation, and accelerate progress in toxicology and applied pharmacology. Your participation and contributions are what make this gathering truly meaningful and impactful.

We are also delighted to host this summit in Barcelona, a city renowned for its rich cultural heritage, architectural beauty, and vibrant scientific community. Its dynamic atmosphere provides an inspiring backdrop for productive discussions and global scientific exchange.

I sincerely look forward to welcoming you to Barcelona and to engaging with all of you during this exciting conference. I wish you a productive, enlightening, and enjoyable meeting, filled with valuable scientific insights and memorable experiences.

Wishing you all a successful and inspiring conference.

Warm regards,

Sanjay K. Srivastava, Ph.D.

Conference Chair

Distinguished Professor and Chairman at the Texas Tech University Health Sciences Center, USA



Welcome Message from the Conference Co-Chair

It is a true pleasure to serve as Conference Co-Chair for Toxicology 2026, and to welcome colleagues from across academia, industry, and regulatory science to Barcelona.

The breadth of this program reflects the expanding scope of modern toxicology. From advanced mechanistic research and predictive modeling to regulatory frameworks, translational pharmacology, and environmental health, our field increasingly operates at the intersection of science and real-world responsibility.

As methodologies evolve – including next-generation risk assessment approaches and emerging investigative tools – generating robust data remains essential. Yet equally important is our ability to integrate and interpret that evidence within meaningful regulatory, clinical, and societal contexts. Scientific advancement reaches its full impact only when it informs sound, defensible decision-making.

Toxicology 2026 was designed as a platform for dialogue across disciplines. By connecting mechanistic insight with applied frameworks and regulatory perspectives, we strengthen the foundation for responsible innovation and public trust.

I look forward to engaging conversations and to welcoming the global toxicology community to Barcelona.

Warm regards,

Mayla Dornas

Conference Co-chair

Founder & Regulatory Toxicology and Ecotoxicology Consultant,
Soluneer, Portugal



Conference Chair

Sanjay K. Srivastava,
Ph.D.

Conference Co-Chair

Mayla Dornas

Panel Discussion Moderator

Mark Crosswhite

Conference Host / Anchor

Fatima Cenicerros Salazar

**Participants from leading organizations including
BIOCAD (Russia) are part of the conference**

DAY-1 | MAY 28, 2026

08:30 - 09:00

REGISTRATION

On-Spot Registration & ID Card Collection

09:00 - 09:30

OPENING

Opening Ceremony by Conference Chair & Co-chair

Sanjay K. Srivastava & Mayla Dornas

Plenary Presentations

09:30 - 10:10

PLENARY

Therapeutic Assessment of CCL3 Immunomodulator Therapy in Diabetic Wound Care

Sasha Shafikhani

Professor & Director of Microbiome Research, University of California, Davis, USA

10:10 - 10:50

PLENARY

3 Baskets for Modernizing Animal-Based R&D

Kerstin Kleinschmidt-Dörr

Chief Veterinary Officer, Merck KGaA, Germany

10:50 - 11:05

BREAK

Tea/Coffee & Networking Break

11:05 – 11:45

PLENARY

How Risk and Uncertainty Accumulate When Learning Is Slow: Why Rapid Product Iteration Lowers the Half-Life of Product Risk

Mark Crosswhite

Founder-ConsulticX Sciences Corp, USA

11:45 – 12:25

PLENARY

Hot Off the Desk: EU and FDA's Early Views since ISO 10993-1:2025 and ISO 18562-1:2024 Release

Jacqueline van Druuten

Clinical & Regulatory Affairs Director, CLIN-r+, UK

12:25 – 13:05

PLENARY

What We Can Learn and Take Over From 40 Years' Experience in Animal-Replacement Testing for Industrial Purposes

Andreas Schepky

Head of Global Toxicology at Beiersdorf AG, Germany

13:05-14:05

BREAK

Lunch & Networking + Official Group Photo

Keynote Presentations

14:05 – 14:40

KEYNOTE

In-vitro Genetic Toxicology (Genetox) Testing for Medical Devices: Regulatory Perspectives

Abha Aggarwal

Labcorp, USA

14:40 - 15:15

KEYNOTE

Strategies to Reduce the use of Non-Human Primates in the Development of Oncology Therapeutics: CD3-Bispecifics

Smitha PS Pillai

Pfizer, USA

15:15 - 15:30

BREAK

Tea/Coffee & Networking Break

15:30 - 16:05

KEYNOTE

Antibiotics in the Environment: Emerging Contaminants Linking Ecosystem Degradation to Global Health Risks

Lyudmyla Symochko

University of Coimbra, Portugal

16:05 - 16:40

KEYNOTE

Systemic Toxicity Assessment for Cosmetics: Status 13 Years After Animal Testing Ban

Florian Gautier

Head of Cosmetics Market, CEHTRA, France

Featured Presentations

16:40 - 17:00

FEATURED

Comparative Metabolic Profiling of Kavalactones and Kratom Alkaloids at the Gastrointestinal-Hepatic Interface

Fatima Cenicerros Salazar

ConsulticX, USA

Panel Discussion: (Moderator: Mark Crosswhite, ConsulticX Sciences Corp, USA)
Format: Interactive Discussion with Audience Q&A

17:00 – 17:40

Future of Toxicology: Balancing Innovation, Regulatory Expectations, and Non-Animal Testing

Panelists: Javed Bhalli (Frontage Laboratories, USA), Andreas Schepky (Beiersdorf AG, Germany), Kerstin Kleinschmidt-Dörr (Merck KGaA, Germany)

17:40 – 18:00

Certificate Distribution & Speaker Recognition

Day 1 Closing Session | Wrap-Up & Highlights

DAY-2 | MAY 29, 2026

Plenary Presentations

09:30 – 10:10

PLENARY

Novel Therapeutic Options for Drug-Resistant Breast Cancer

Sanjay K. Srivastava

Distinguished Professor and Chairman at the Texas Tech University Health Sciences Center, USA

10:10 – 10:50

PLENARY

Pig-a and Error Corrected NGS: Shifting Paradigms of Drug Development

Javed Bhalli

Vice President, Safety and Toxicology, Frontage Laboratories, USA

10:50 - 11:05

BREAK

Tea/Coffee & Networking Break

11:05 - 11:45

PLENARY

Species Divergence in Translational Safety Evaluation

Venkatesha Udupa

Senior Vice President and Head of Toxicology at Ichnos Glenmark Innovation, India

11:45 - 12:25

PLENARY

Atmospheric Dust Containing Nano-Materials

Frederic Deschamps

IMTECA, France

12:25 - 13:05

PLENARY

Beyond Checklists: When More Data Is Not Enough – A Framework for Defensible and Ethical Regulatory Decisions

Mayla Dornas

Founder & Regulatory Toxicology and Ecotoxicology Consultant, Soluneer, Portugal

13:05 - 14:05

BREAK

Lunch & Networking + Official Group Photo

Keynote Presentations

14:05 - 14:40

KEYNOTE

Balancing Science and Regulation: What Drives the EMA's Environmental Risk Assessment Guideline for Medicinal Products?

Fanny Perrier

Environmental Scientist & Regulatory Consultant, ATOUT CHIMIE, France

14:40 - 15:15

KEYNOTE

Occupational Exposure Limits and Bands for Highly Potent Active Pharmaceutical Ingredients (APIs)

Martin Kohan

Managing Toxicologist, SafeBridge Europe Ltd., UK

Featured Presentations

15:15 - 15:35

FEATURED

How NAMs and Innovation Are Reshaping Nonclinical Safety

Dorinne Desposito, PharmD, PhD

Ipsen, Nonclinical Drug Safety Department, Predictive Toxicology Senior Project Manager, Paris, France

15:35 - 16:15

Poster Session & Networking

Enhanced Detection of Nitazenes in Human Serum Using Micro-QuEChERS Extraction and LC-MS/MS

Karla Aparecida de Oliveira Souza - P1

University of Campinas (UNICAMP), Brazil

Selective, Cellular Stress-Driven Toxicological Profiling of HoLu-4, a Quinazolinone Derivative

Kuo-Chu Lai - P2

Chang Gung University, Taiwan

16:15 - 16:30

BREAK

Tea/Coffee & Networking Break

Video Presentations (16:30-17:10)

Thioacetamide-Induced Liver Fibrosis in Mice: The Role of Macrophage Migration Inhibitory Factor and Betaine

Tatjana Radosavljevic - V1

University of Belgrade, Serbia

Targeting the EZH2-Dopamine Axis: A New Vulnerability in Triple-Negative Breast Cancer

Eswar Shankar - V2

The Ohio State University, USA

17:10 - 17:50

Certificate Distribution & Speaker Recognition

Day 2 Closing Session | Wrap-Up & Highlights

A Message of Gratitude and Future Collaboration

On behalf of Creovate Conferences and Toxicology2026, we extend our sincere appreciation to all speakers, delegates, scientific committee members, partners, and organizers whose valuable contributions have made this international gathering impactful, collaborative, and inspiring. We would especially like to express our gratitude to our Conference Chair, Co-Chair, and Scientific Committee members for their guidance, expertise, and continued support in shaping the scientific direction and success of Toxicology2026.

Toxicology2026 stands as a focused international platform where scientific innovation, translational research, and regulatory perspectives converge to advance the future of toxicology and applied pharmacology. Set against the vibrant backdrop of Barcelona, Spain, this conference has brought together researchers, toxicologists, pharmacologists, clinicians, regulatory experts, industry professionals, and academic leaders from across the globe to exchange ideas, foster meaningful discussions, and explore emerging approaches in safety science, toxicological assessment, drug development, and risk evaluation.

Over the course of this conference, participants have contributed to valuable scientific dialogue and interdisciplinary exchange, reflecting a shared commitment to advancing scientific rigor, responsible innovation, and global health and environmental safety.

We hope Toxicology2026 has provided an enriching, engaging, and impactful experience for all participants—encouraging meaningful collaborations, professional connections, and scientific discussions that continue well beyond the conference itself. As you continue your important work across academia, industry, healthcare, and regulatory sectors worldwide, we wish you continued success in advancing toxicological sciences and improving global health and safety.

As new collaborations emerge and scientific innovations continue to evolve beyond this platform, we are delighted to announce the next edition:

2ND INTERNATIONAL CONFERENCE ON TOXICOLOGY AND APPLIED PHARMACOLOGY

May 27–29, 2027 | Prague, Czech Republic

Website: <https://creovateconferences.com/toxicology-appliedpharmacology>

We look forward to welcoming you again as we continue building a stronger global scientific community in toxicology, translational safety science, and applied pharmacology.

Warm regards,

Ram Charan

Managing Director – Creovate Conferences

Conference Manager – Toxicology

Email: toxicology@creovateconferences.com

Phone / WhatsApp: +91-9908880832

LinkedIn: <https://www.linkedin.com/in/pampana-ram-charan-477701239/>

Website: <https://creovateconferences.com/toxicology>



UPCOMING CONFERENCE

2ND INTERNATIONAL CONFERENCE ON TOXICOLOGY AND APPLIED PHARMACOLOGY

May 27-29, 2027 | Prague, Czech Republic