

# World Congress on Pharmaceutical Research and Toxicology

(USF Pharmaceutical Research 2024)

**Theme:** Latest Revolution in Pharmaceutical Research and  
Challenges In Toxicology



**May 30-31, 2024**

**Crowne Plaza An Ihg Hotel  
Geneva, Switzerland**



**Pharmaceutical Research and Toxicology-2024**

Website: <https://unitedscientificforum.com/pharmaceuticalresearch/.com> | Email: [pharma@usfconferences.com](mailto:pharma@usfconferences.com)

08:30-08:50

Welcome Message

KEYNOTE PRESENTATION

09:00-09:40

Real-World Data and Real-World Evidence in Regulatory Decision Making

*Lembit Rago, Secretary-General Council for International Organizations of Medical Sciences (CIOMS), Switzerlandt*

09:40-10:20

Individual Exposure Ratio between Generic and Reference Drugs during Bioequivalence Studies

*Philippe Lechat, Emeritus Professor of Paris-cite University, France*

10:20 - 10:40

Coffee Break

10:40-11:10

A Comparative Analysis of Heavy Metal Content of Unregulated Facial Whitening Creams and Branded Facial Whitening Creams Available in the Sultanate of Oman.

*A Shyam Sundar, University of Nizwa, Oman*

11:10-11:40

Discovery of a Novel Proteasome Inhibitor

*Henry James (Xiaotao) Li, New York University Shanghai, China*

11:40-11:55

Pharmaceuticals in -and from- the sea: Effects, Challenges and Novel Management Approaches

*Anastasia Nikolaou, University of the Aegean, Greece*

11:55-12:10

Newly perfected xx-xy (female-male) gender theory and beyond enabling well-consented prismatic healthy family for multiple benefits

*R.C. Yadav, ICAR -Soil & Water Conservation Institute, India*

12:10-12:25

The impact of oxidized lipid mediators and systemic immunosuppression

*Ravi P. Sahu, Ph.D., Assistant Professor, Department of Pharmacology and Toxicology, Wright State University, Dayton, OH 45435*

12:25-12:55

Disialoganglioside GD2 targeted PET-NIR imaging of high-risk children neuroblastoma with newly synthesized peptide

*Guoqiang shao, Nanjing First Hospital, China*

12:55-14:00

Lunch Break

14:00-14:30

Plasma Cholesterol-Lowering Nutraceuticals and Natural Phytochemicals

*Chen Zhenyu, Chinese University of Hong Kong, China*

14:30-14:45

Navigational Obstacles in Treating Neurodegenerative Disorders: Utilizing Herbal Remedies

*Prashant Tiwari, Dayananda sagar university, India*

14:45-15:00

Novel cell cycle - multi-phase phenomena in neoplastic disorders: Personalized evolution, diagnosis, and therapy

*Mehdipour Parvin, University of Medical Sciences, Iran*

15:00-15:30

Development and validation of chiral HPLC method for estimation of enantiomeric drug

*Gowramma B, JSS College of Pharmacy, India*

15:45-16:00

**Hepatoprotective Effects of Gynura Procumbens against Thioacetamide-induced Cirrhosis in Rats: Targeting Inflammatory and Oxidative Stress Signalling Pathways**

*Soliman Mohammed Alfaifi, Tamer Healthcare Company, Saudi Arabia*

16:00-16:30

**Exploring Efficient Sterilization Methods for Mushroom Picking Cups in Automated Picking Technology**

*Taghreed Hudaib, University of Lincoln, United Kingdom*

16:30-16:45

**Patient-Reported Assessment of Pharmaceutical Services and Level of Satisfaction in Amassoma General Hospital in Bayelsa State, South-South of Nigeria**

*Owonaro A Peter, Niger Delta University, Nigeria*

16:45-17:00

**Enhancing Food Safety and Quality through Cold Plasma Technology: Innovations and Applications**

*Chunyang Li, Jiangsu Academy of Agricultural Sciences, China*

17:00-17:30

**Small Library of Prednisolone and Budesonide Conjugated Low and High Molecular Weight Polyethylenimine Nanoparticles for Delivery of Plasmid DNA**

*Ali Dehshahri, Shiraz University of Medical Sciences, Iran*

17:30-18:00

**Mnemonic-Style Intensive Care Clinical Pharmacy Models Standardized Around the World: a Systematic Review**

*Fabiana Schuelter Trevisol, University of Southern Santa Catarina, Brazil*

18:00-18:30

**Use of Drug treatment for the Purpose of Preventing COVID-19**

*Daïsson Jose Trevisol, University of Southern Santa Catarina, Brazil*

## DAY- 2 May 31, 2024, Geneva, Switzerland

### KEYNOTE PRESENTATION

08:30-09:00

**Patient involvement in the drug development**

*Lembit Rago, Secretary-General Council for International Organizations of Medical Sciences (CIOMS), Switzerland*

09:00-9:30

**Antibiofilm activity of biosynthesized silver and copper nanoparticles using Streptomyces S29**

*El-Sayed E. Habib, Mansoura University, Egypt*

9:30-9:45

**The Promise of Nanotechnology in Personalized & Precision Medicine: Drug Discovery & Development being partnered with Nanotechnologies via the Revolution at the Nanoscale**

*Sergey Suchkov, A.I. Evdokimov Moscow State University of Medical and Dentistry, Russia*

9:45-10:00

**Key to 3D bioprinting complicated large organs with a vascular system**

*Vyacheslav R. Shulunov, Russian Academy of Sciences, Russian Federation*

10:00-10:15

**Targeting environmental carcinogen-induced effects in mitigating cancer progression**

*Ravi P. Sahu, Ph.D., Assistant Professor, Department of Pharmacology and Toxicology, Wright State University, Dayton, OH 45435*

- 10:30-11:00** Reserved presentation slot for amendments
- 11:00-11:30** **SMAD4 signaling safeguards the vascular homeostasis**  
*Ola Roxana, Heidelberg University, Germany*
- 11:30-11:45** **Towards the anti-biofilm properties of novel functionalized inorganic nanoparticles**  
*Arianna Gelain, University of Milan, Italy*
- 11:45-12:00** **Transition metal-based nanoclusters as promising medical agents: in vitro toxicity evaluation**  
*Mirjana B. Colovic, University of Belgrade, Serbia*
- 12:00-12:30** **PDNO - A New Intravenous Nitrovasodilator**  
*Claes Frostell, Karolinska Institute at Danderyd Hospital, Sweden*
- 12:30-13:00** **Impact of Biomass Heating Policy on Air Quality and Public Health in Milan: A PM2.5 Toxicity and Concentration Analysis**  
*Constantinos Sioutas, University of South California, United States*

13:00-14:00

Lunch Break

- 14:00-14:15** **Biodegradation of some microplastics namely Foam, Industrial Beads and Micro pellets by Some Microorganisms**  
*Delia Teresa Sponza, Dokuz Eylul University, Turkey*
- 14:15-14:30** **Preliminary results on tinnitus management with the aid of a genetic panel**  
*Giannis Vlastos, Latriko Childrens Hospital, Greece*
- 14:30-15:00** **Integrating Inference Simulation and Deduction in Molecular Modeling for Drug Discovery**  
*Diego Ettore Italo Liberati, Polytechnic University of Milan, Italy*
- 15:00-15:30** **Uses of hydrogen in pharmacology and pharmacy industry**  
*Youssef Naimi, Hassan II University of Casablanca, Morocco*

15:30-15:45

Coffee Break

- 15:45-16:00** **Recent Advances of Magnetic Gold Hybrids and Nanocomposites, and Their Potential Biological Applications**  
*Baig Mirza Muhammad Faran Ashraf, The Hong Kong University, China*
- 16:00-16:30** **Microphysiological Systems: Bioengineered Tissue Chips for Safety, Efficacy and Precision Medicine Studies of Candidate Drugs**  
*Danilo A. Tagle, National center for Advancing Translational Sciences, NIH, United States*
- 16:30-17:00** **Oxidative stress and thrombospondin1-CD47 up-regulated signaling contribute to impaired angiogenesis and delayed wound healing in type 2 diabetes**  
*Milad bitar, kuwait university, kuwait*
- 17:00-17:15** **Pentavalent Antimonial Associated Sudden Death: Descriptive Assessment of Case Reports from Eritrea and the WHO Global Database**  
*Yodit Fitsum, National Medicines and Food Administration, Eritrea*


17:15-18:00


**Award Presentation/ Photo session**

**Note:** All presentations are schedule according to time zone "Central European Summer Time (CEST)"



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