

Tentative Program

7TH *INTERNATIONAL CONFERENCE ON PharmScience Research & Development*

FEBRUARY 24-26, 2025 | SAN FRANCISCO, CA

Venue:

**DoubleTree by Hilton San Francisco Airport,
835 Airport Blvd, Burlingame, CA
94010, United States**

<https://pharmscience.unitedscientificgroup.org/>

The United Scientific Group - a 501 c3 non-profit organization is excited to announce the **Seventh International Conference on PharmScience Research & Development on February 24-26, 2025**, dedicated to advancing the field of pharmaceutical science for medical and biophysical chemists across the pharmaceutical, biotech, and academic sectors. The conference brings together a diverse group of professionals, including scientists, researchers, entrepreneurs, CEOs, CSOs, academicians, and technologists from around the world. By facilitating discussions and collaborations, the conference aims to generate new approaches and strategies for improving the drug discovery process, from preclinical development to clinical development.

Pharma R&D-2025 provides a valuable platform for exploring the latest scientific advancements and addressing the current and future challenges in Pharma research. Join us at this prestigious event and become part of a determined and dedicated community.

Program Last Updated on **December 20, 2024**

Last minute changes due to functional, private, or organizational needs can be necessary. The event organizer accepts no liability for any additional costs caused by a change of program. **Program is subject to change.**

SCIENTIFIC SESSIONS

- Drug Discovery & Development
- Pre-clinical Research
- Drug Screening & Designing
- Drug Delivery Systems
- Pharmaceutical Product Development
- Pharmaceutical Manufacturing
- Quality Control & Quality Assurance
- Clinical Trails & Case Studies
- Pharmacotherapeutics
- Regulatory & HTA Review
- FDA Approvals
- Product Management
- Market Prediction
- Existing Drugs Enhancement
- Pharmaceutical Chemistry
- PKPD/Biopharmaceutics
- Pharmaceutical Statistics
- Pharmacology & Toxicology
- Pharmaceutical Analysis
- Pharmacogenomics
- Natural Product Chemistry
- Safety & Monitoring
- Personalized Medicine
- Education & Practice
- Nanomedicine
- Industrial Pharmacy
- Covid & Healthcare
- Artificial Intelligence in R&D

Keynote Presentations (30 Minutes)

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|  | <p>Rick G. Schnellmann, PhD University of Arizona College of Medicine, Tucson, AZ Mitochondrial Biogenesis Drugs for Multiple Diseases</p> |
|  | <p>Wolfgang Sadee, PhD CSO, Aether Therapeutics Inc., Austin, TX Ligand-free Signaling of G protein Coupled Receptors: Role in Opioid Dependence, Hyperalgesia, And Drug Craving - Promise for Treatments of Opioid Use Disorder</p> |
|  | <p>Maurizio Pellecchia, PhD UCR School of Medicine Riverside, CA Covalent Drug Discovery Strategies Targeting for His, Tyr, or Lys Residues</p> |
|  | <p>Donovan Yeates, PhD KAER Biotherapeutics, Escondido, CA Delivering Critical Care Respiratory Therapeutics as High-Concentration Aerosols Generated from Viscous and Complex Molecular Solutions</p> |
|  | <p>Tobias Funk, PhD TripleRing Technologies, San Francisco, CA Virtual Dose Mapping to Ensure Sterilization Outcomes Early in the Development Process</p> |
|  | <p>Kenneth A. Jacobson, PhD National Institutes of Health Bethesda, MD Action of Nucleosides and Other Modulators at Purinergic Drug Targets</p> |
|  | <p>Bin Zhang, PhD Icahn School of Medicine Mount Sinai, NY Title to be announced!!</p> |

Oral Presentations (18+2 Minutes)

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| <p>Ken Savin, PhD RedWire Inc., Jacksonville, FL Seed Crystals for the Pharmaceutical Industry Made in Low Earth Orbit</p> |
| <p>Oliver Graudejus, PhD BMSEED, Mesa, AZ Enhancing Microphysiological Systems for Drug Development using Stretchable Microelectrode Arrays</p> |
| <p>John Bencich, PhD Achieve Life Sciences inc., Seattle, WA Benefit and Safety of Cytisinicline for Cessation of Smoking and Nicotine E-cigarette Use</p> |
| <p>Stanislav Yefimov, PhD PharmetricLab, St Petersburg, FL Tests for Endotoxin in Pharmaceutical Products. Inhibition of Limulus Amebocyte Lysate by Micelle-forming Substances, Phosphatidylcholine and Triton X-100</p> |
| <p>Alejandro Rodriguez, PhD Genentech Inc., San Francisco, CA Expanding Assay Range to Accommodate a Monoclonal Antibody Therapeutic Quantification in Blood and Cerebrospinal Fluid</p> |
| <p>Muhammad Sadeqi Nezhad, PhD Wilmot Cancer Center, Rochester, NY UNC5B is a Driver of Metastasis in Pancreatic Ductal Adenocarcinoma (PDAC)</p> |
| <p>Sergio Diaz, PhD Emerson, Pflugerville, TX Jacob Lee, PhD Genemod, Edmonds, WA Never Start from Scratch Leverage your R&D process definition all the way to Manufacturing</p> |
| <p>Wei Li, PhD University of California Irvine, Irvine, CA Ligandomics for Drug Target Discovery and a Novel Disease-Targeted Anti-Angiogenic therapy</p> |
| <p>Priya Hays, PhD Hays Documentation Specialists, LLC, San Mateo, CA The Transition from Targeted Therapies to Cancer Immunotherapies for Melanoma, Colorectal Cancer, Prostate Cancer and Renal Cell Carcinoma: Models for Therapy Development in Action</p> |
| <p>Laszlo Fusti-Molnar, PhD QuantumFuture Scientific Software LLC, Buda, TX Harnessing Quantum Chemistry and DFT Precision in Docking to Identify Low-Toxicity Natural Products as IDO1 Inhibitors</p> |
| <p>Sangly P Srinivas, PhD Indiana University, Bloomington, IN Advancements in Ocular Fluorometry: Developing Systems for Precision Fluorescence Lifetime Measurements In Vivo and Ex Vivo</p> |
| <p>Kenneth Wang, PhD AtlasXomics Inc., New Haven, CT Revolutionizing Spatial Epigenomic Analysis in Cancer</p> |
| <p>Marta Garcia Manrique, Servier, Spain Decentralized Clinical Trials: How Incorporate Patients Insights in the New Model</p> |
| <p>Joaquin Gonzalez Marrero, PhD Instituto Politécnico Nacional, Mexico Synthesis and Antibacterial Potential of New Spilanthal Derivatives</p> |

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| <p>Federica M. Sipala, PhD University of Catania, Italy Unravelling the Role of Pain in GNAO1 Encephalopathy: The Potential of Molecular Dynamic for Individualized Therapy</p> |
| <p>Simone Ronsisvalle, PhD University of Catania, Italy Artificial Intelligence and Molecular Modeling: Pioneering the Future of Precision Medicine</p> |
| <p>Anthony Merlo, PhD Amgen Inc. Thousand Oaks, CA Evaluating the Impact of Biotherapeutic Aggregation Through In Vitro Reversibility Models</p> |
| <p>Tudor Arvinte, PhD Therapeomic Inc. Switzerland Aggregation Induced by Therapeutic Proteins in Human Plasma and Blood: Pegfilgrastim and Filgrastim Case Studies</p> |
| <p>Asmita Khanolkar, SMC Ltd, Somerset, WI A Novel Method to Optimize Drug Delivery for Parenteral Products Involving New Therapies and Unmet Needs</p> |
| <p>Tyler Le, American University of the Caribbean School of Medicine, Sint Maarten Aminoglycosides: Hearing Aids and Dialysis not Included. Side Effects of the Amazing Antibiotic</p> |
| <p>Maliha Zahid, PhD Mayo Clinic Rochester, MN Cardiac Targeting Peptides – Beyond Transduction</p> |
| <p>Yina Dong, PhD University of Pennsylvania, Philadelphia, PA A Peptide Derived from TID1S Rescues Frataxin Deficiency and Mitochondrial Defects in FRDA Cellular Models</p> |
| <p>George Williams, PhD GSI Technology, Sunnyvale, CA Accelerating Trustworthy Scientific Discovery with Next-Generation Compute-in-Memory Hardware</p> |
| <p>Jean-Bernard Durand, PhD University of Texas MD Anderson Cancer Center, Houston, TX Drug Development in Oncology and off Target Cardiac Effects</p> |
| <p>Li Li, PhD Wayne State University, Detroit, MI A New Thoracic Aortic Aneurysm Rupture Mouse Model: A Consistent and Cost-Effective Tool for Pathogenesis Research and Drug Screening</p> |
| <p>Anna W. Sobanska, PhD Medical University of Lodz, Poland Contemporary Views on the Blood-brain Barrier Permeability of Organic Sunscreens – An <i>in-Silico</i> Study</p> |
| <p>Julia Carreon, PhD Amgen Inc. Thousand Oaks, CA Immunogenicity Risk Assessment of Biotherapeutic Attributes Using In Vitro, In Vivo, And Clinical Data</p> |

Poster Presentations

Yolanda Marquez, San Jose State University, San Jose, CA
Pharmaceutical Drug Discovery Applications for Thrombin Inhibition using Molecular Docking with Graph Neural Networks

Laszlo Fusti-Molnar, PhD QuantumFuture Scientific Software LLC, Buda, TX
Harnessing Quantum Chemistry and DFT Precision in Docking to Identify Low-Toxicity Natural Products as IDO1 Inhibitors

Titles to be announced!!!

Rajesh Krishnan, PhD Oncernal Therapeutics, San Diego, CA

Robin Polt, PhD The university of Arizona, Tucson, AZ

Ashok Joshi, PhD Microlin, Salt Lake City, UT

Christopher R. McCurdy, PhD University of Florida, Gainesville, FL

Yandong Zhang, PhD Shenzhen KeYe Life Technologies, Co., Ltd, China

Alexander Lazarev, Pressure BioSciences, Inc. South Easton, MA

Presentations yet to be confirmed!

Mahdi Masrou, PhD Tehran University of Medical Sciences, Iran
Intrathecal Baclofen Efficacy for Managing Motor Function and Spasticity Severity in Patients with Cerebral Palsy: A Systematic Review and Meta-analysis

Rajat Mittal, PhD Johns Hopkins University, Baltimore, MD
A Digital Twin of the Stomach for Drug Dissolution Studies

Misha Gattengo, PhD Cantata Bio LLC, Scotts Valley, CA
LinkPrep: A High-resolution, High-throughput, Proximity Ligation Method that Enables Detection of Structural Variants and Chromatin Topology Features in Cancer

Mauro Ferrari, PhD BrYet US, Inc, Houston, TX
Biophysics-based Targeting of Active Principle

Sunayana Ghodgaonkar, PhD Shivajirao S. Jondhle College of Pharmacy, India
Exploring Oxazole Derivatives for Cancer Therapy: Design, Synthesis, and Mechanistic Insights

Saleh Mohammed Alamri, PhD Prince Sultan Military Medical City, Saudi Arabia
Proteome Analysis, Genetic Characterization, and Antibiotic Resistance Patterns of *Klebsiella Pneumoniae* Clinical Isolates

Ning Liu, PhD Luna Bioscience, Inc. Pleasanton, CA
To Achieve Single Molecule De Novo Protein Sequencing with 4 levels of Molecular Control in Amino Acid identification on Nanopore System

Mohd Aurif Shergujri, PhD Indian Institute of Technology Jammu, India
Extraction and Isolation of Quercetin from Waste Onion Peels using Subcritical Water Extraction

Zayed N. Alsulami, PhD Armed Forces Hospital Dhahran, KSA
Evaluation of Medication Administration Process in a Paediatric Ward: Observational Study

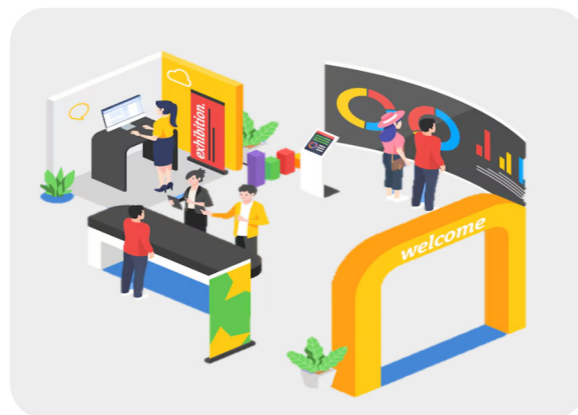
Rajasekhar Gadde, PhD Tata Consultancy Services, India
Revolutionizing Clinical Trial Monitoring with Augmented and Virtual Reality for Enhanced Data Visualization and Analytics

Niketan Panchal, PhD Tata Consultancy Services, India
AI and GenAI driven Insights from Medical and Scientific Literature: Streamlining and Accelerating Research

Saroj Sah, PhD Tata Consultancy Services, India
Enhancing Clinical Trial Oversight through Intelligent Automated Insights Generation

Rohit Kadam, PhD Tata Consultancy Services, India
Demystifying regulatory guidance using Generative and Conversational AI

Presentation Slots Available!!!!



Interested In Collaboration and Exhibition!!

Email us: pharma-rnd@uniscigroup.net

*See you at Pharma R&D-2025
San Francisco, CA*