



**12<sup>th</sup>** Edition of Global Conference on

# **Pharmaceuticals and Novel Drug Delivery Systems**



**11-13**  
**September, 2025**



**IN-PERSON**

Olympia Hotel, Events & Spa  
Carrer Mestre Serrano, 5, 46120 Alboraià  
Valencia, Spain



**VIRTUAL**

Central European Summer  
Time (CEST)

## IN-PERSON

DAY 01	Thursday		SEP 11
		08:00-08:50	Registrations
		08:50-09:00	Opening Ceremony and Introduction
		09:00-12:20	In-person Keynote Presentations
		12:20-18:40	In-person Oral Presentations
		18:40-19:50	In-person Poster Presentations
		11:20-11:40	Coffee Break
		13:00-14:00	Lunch
		17:00-17:20	Coffee Break

## VIRTUAL

DAY 02	Friday		SEP 12
		08:30-09:00	AV Check
		09:00-10:20	Virtual Keynote Presentations
		10:20-15:00	Virtual Oral Presentations
		15:00-15:30	Virtual Poster Presentations
		15:30-18:10	Virtual Keynote Presentations
		18:10-20:30	Virtual Oral Presentations

## VIRTUAL

DAY 03	Saturday		SEP 13
		08:30-09:00	AV Check
		09:00-11:40	Virtual Keynote Presentations
		11:40-17:00	Virtual Oral Presentations
		17:00-19:00	Virtual Keynote Presentations

## Important Note

- The conference follows Central European Summer Time (CEST) for both In-person and Virtual sessions.
- When the program refers to Local Timings, it means that the timing mentioned is based on the time zone of the presenter's country.
- In-person presentations will take place in the **Hera Meeting Hall** @Olympia Hotel, Events & Spa and Virtual presentations will take place in Zoom meetings.
- Please remain accessible in the hall or on Zoom throughout the day as there could be minor program adjustments due to technical issues or presenter no-shows.

**Moderators:** **Rassa Pegahi**, UPSA, France  
**Donici Elena**, Nicolae Testemitanu State University  
of Medicine and Pharmacy, Moldova, Republic of

**Chairs:** **Yong Xiao Wang**, Albany Medical College, United States  
**Sergey Suchkov**, N.D. Zelinskii Institute for Organic Chemistry of the  
Russian Academy of Sciences & InMedStar, Russian Federation  
**Miroslav Radenković**, University of Belgrade, Serbia

Central European Summer Time (CEST)

In-person	09:00-10:00	Keynote Presentations
<b>Vladlen Slepak, University of Miami, United States</b> Title: Ectopically expressed olfactory receptors as an untapped family of drug targets. Discovery of agonists and antagonists of OR51E1, an understudied G protein-coupled receptor		
In-person	10:00-10:40	
<b>Yong Xiao Wang, Albany Medical College, United States</b> Title: Innovative development and delivery of biologics for chronic obstructive pulmonary disease		
In-person	10:40-11:20	
<b>Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences &amp; InMedStar, Russian Federation</b> Title: Personalized and Precision Medicine (PPM) as a unique healthcare model through design-inspired biotech & biopharma-driven applications and upgraded business marketing to secure the human healthcare and biosafety		
Group Photo		
11:20-11:40   Coffee Break @Foyer		
In-person	11:40-12:20	
<b>Miroslav Radenković, University of Belgrade, Serbia</b> Title: Macitentan/tadalafil combination – An additional value in pharmacotherapy of pulmonary arterial hypertension		
In-person	12:20-12:40	Oral Presentations
<b>Barbara DE Filippis, University “G. d’Annunzio”, Italy</b> Title: Identification of sulfonamide-based aromatase inhibitors in the breast cancer research		
In-person	12:40-13:00	
<b>Rassa Pegahi, UPSA, France</b> Title: Pharmacology of chlorphenamine and pseudoephedrine use in the common cold		
13:00-14:00   Lunch @Restaurant		
In-person	14:00-14:20	
<b>Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences &amp; InMedStar, Russian Federation</b> Title: Antibody-proteases as translational tools of the next-step generation to be applied for biopharmacy-related and precision medical practice		
In-person	14:20-14:40	
<b>Rassa Pegahi, UPSA, France</b> Title: Is paracetamol (acetaminophen) still a first line option for pain and fever in paediatrics?		

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In-person 14:40-15:00

**Shereen M. Assaf, Jordan University of Science and Technology, Jordan**

Title: Innovations in rivastigmine delivery: Nanostructured lipid carriers encapsulated in microneedles for enhanced transdermal delivery

In-person 15:00-15:20

**Donici Elena, Nicolae Testemitanu State University of Medicine and Pharmacy, Moldova, Republic of**Title: Assessment of inulin content in *Arctium lappa* L. root extract: Potential for nutritional and medicinal applications

In-person 15:20-15:40

**Iulia Bozbei, Nicolae Testemitanu State University of Medicine and Pharmacy, Moldova, Republic of**Title: Evaluating *Aronia melanocarpa* varieties for pharmaceutical applications based on polyphenolic content and antioxidant activity

In-person 15:40-16:00

**Regina Gomes Dare, University of Fribourg, Switzerland**

Title: Therapeutic efficacy of Nanostructured Lipid Carriers co-loaded with Simvastatin and Adenosine (NLC-SA) in a human epidermal model of diabetic chronic wound

In-person 16:00-16:40

**Iria Naveira Souto, Reig Jofre, University of Barcelona, Spain**

Title: Advances in hydrophilic drug delivery: Encapsulation of biotin in alginate microparticles

In-person 16:40-17:00

**Krisztian Pamlenyi, University of Szeged, Hungary**

Title: Formulation and characterization of buccal films based on sodium alginate and chitosan for using in parkinson's disease

17:00-17:20 | Coffee Break @Foyer

In-person 17:20-17:40

**Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences & InMedStar, Russian Federation**

Title: The promise of nanotechnology in personalized &amp; precision medicine: Drug discovery &amp; development being partnered with nanotechnologies via the revolution at the nanoscale

In-person 17:40-18:00

**Ayşe Nur OKTAY, University of Health Sciences, Turkey**

Title: GastroPlus® and ADMET Predictor™ driven predictive model for pharmacokinetic parameters of ENDOL® immediate-release capsule

In-person 18:00-18:20

**Nurul Ain Binti Mohammad Hamdi, University of Manchester, United Kingdom**

Title: Design and computational analysis of a peptide analogue with a WXXW motif: A membrane-active and reversible drug binding peptide to overcome cancer drug resistance

Central European Summer Time (CEST)

In-person 18:20-18:40

**Consolata Nsanzubuhoro, Stellenbosch University, South Africa**

Title: Enhancing delivery of biopharmaceutics classification system class ii drugs through a novel carrageenan-alginate-oleogel matrix: A case study on praziquantel for improved therapeutic efficacy

**Poster Judge: Sergey Suchkov**, The Russian University of Medicine And Russian Academy of Natural Science-Moscow, Russian Federation  
**Yong-Xiao Wang**, Albany Medical College, USA

In-person P1

(18:40-19:50) Poster Presentations

**Rassa Pegahi, UPSA, France**

Title: What caffeine brings to paracetamol (acetaminophen) in pain management

In-person P2

**Waleed Mohammed Al-Shaqha, Imam Muhammed Ibn Saud Islamic University, Saudi Arabia**

Title: Enabling active pharmaceutical ingredient industry in Saudi Arabia

In-person P3

**Mutaz S. Salem, Jordan University of Science and Technology, Jordan**

Title: Intelligent delivery of 5-fluorouracil using smart polymers

In-person P4

**Mizuho Sumitani, The University of Tokyo Hospital, Japan**

Title: Astrotactin 2 (ASTN2) as novel analgesic target candidate for cancer pain and opioid sparing: An exploratory genetic polymorphism analysis

In-person P5

**Mateusz Młynek**  
**Weronika Leszczyńska**  
**Julia Macyszyn**  
**NanoSanguis S.A., Poland**

Title: Evaluating maleic anhydride derivatives as linkers for pH-sensitive drug release

In-person P6

**Michał Szkop**  
**Marzena Kaliszewska-Kozak**  
**NanoSanguis S.A., Poland**

Title: Liposomal formulation and quantitative HPLC analysis of random peptide mixtures for antibacterial drug development

In-person P7

**Iria Naveira Souto, Reig Jofre, University of Barcelona, Spain**

Title: The physicochemical, biopharmaceutical, and in-vitro efficacy properties of diclofenac-loaded liposomes

**Moderators:** Anna W. Sobańska, Medical University of Lodz, Poland  
Deepika Sharma, CGC Mohali Punjab, India

**Chair:** Saad Tayyab, UCSI University, Malaysia

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Local Timings

Virtual	09:00-09:40	09:00-09:40	Keynote Presentations
	<b>Maria Cristina Gamberini, University of Modena and Reggio Emilia, Italy</b> Title: Analytical strategies for solid-state forms in drug development		
Virtual	09:40-10:20	15:40-16:20	
	<b>Saad Tayyab, UCSI University, Malaysia</b> Title: Understanding drug transport in plasma: The role of protein binding		
Virtual	10:20-10:40	10:20-10:40	Oral Presentations
	<b>Anna W. Sobańska, Medical University of Lodz, Poland</b> Title: Psychedelic drugs–safety problems in pregnancy		
Virtual	10:40-11:00	11:40-12:00	
	<b>Natassa Pippa, National and Kapodistrian University of Athens, Greece</b> Title: Morphological versatility of hybrid systems: Mimicking the self-assembly of natural structures		
Virtual	11:00-11:20	10:00-10:20	
	<b>Gurpreet Singh, IQVIA, United Kingdom</b> Title: Global drug development-current trends, challenges and opportunities		
Virtual	11:20-11:40	17:20-17:40	
	<b>Vyacheslav R. Shulunov, Institute of Physical Materials Science of the Siberian Branch of the Russian Academy of Science, Russia</b> Title: Biodegradable ribbon for roll porous scaffold 3D bioprinting technology		
Virtual	11:40-12:00	12:40-13:00	
	<b>Rukiye Oztekin, Dokuz Eylul University, Turkey</b> Title: Cu/N/Pd/Ni nanocomposites from wastes Printed Circuit Boards (PCBs) to remove endocrine disruptors		
Virtual	12:00-12:20	15:30-15:50	
	<b>Raja Chakraverty, Institute of Post Graduate Medical Education and Research, India</b> Title: Nanoparticle mediated drug delivery system in cerebrovascular disorders		
Virtual	12:20-12:40	15:50-16:10	
	<b>Nilay Solanki, Charotar University of Science and Technology, CHARUSAT Campus, India</b> Title: Mechanistic insights into phlorizin's multi-target potential in alzheimer's disease: A network pharmacological and in-vivo study		

	Central European Summer Time (CEST)	Local Timings	
Virtual	12:40-13:00	12:40-13:00	<b>Meliha Mehic, Bosnalijek Pharmaceutical Industry, Bosnia and Herzegovina</b> Title: Lysozyme – enzybiotic as promising weapon against antimicrobial resistance
Virtual	13:00-13:20	16:30-16:50	<b>Neha Agarwal, Navyug Kanya Mahavidyalaya, India</b> Title: Acetaminophen-over the counter drug: Applications and safety concerns
Virtual	13:20-13:40	16:50-17:10	<b>Dharmendra Kumar, Swami Vivekanand Subharti University, India</b> Title: Formulation and evaluation of the Pilosomes as Drug Delivery System (PDDS)
Virtual	13:40-14:00	17:10-17:30	<b>Deepika Sharma, CGC Mohali Punjab, India</b> Title: Therapeutic drug development using biopolymer degrading enzymes
Virtual	14:00-14:20	17:30-17:50	<b>Prashant Bhokardankar, Datta Meghe Ayurvedic Medical College Hospital and Research Centre, India</b> Title: Ayurvedic bhasmas as nano medicines for human kind
Virtual	14:20-14:40	09:20-09:40	<b>María José De Rosa, Instituto de Investigaciones Bioquímicas de Bahía Blanca, CONICET-UNS, Argentina</b> Title: C. elegans as a platform for studying neurodegenerative diseases: Identification of antioxidants as therapeutic agents
Virtual	14:40-15:00	18:40-19:00	<b>Mst. Rozina Parul, Gono University, Bangladesh</b> Title: Isolation and evaluation of antioxidant and cytotoxic activity of 2',4'-dihydroxy-3',5'-dimethyl-6'-methoxychalcone from the ethyl acetate extract of the leaves of Syzygium balsameum (Wight) Wall. ex Walp
Virtual	15:00-15:10	18:30-18:40	<b>R K Maheshwari, Sri Govindram Seksaria Institute of Technology and Science, India</b> Title: Eco-friendly hydrotropic technology in pharmaceutical analysis precluding the use of hazardous organic solvents
Virtual	15:10-15:20	09:10-09:20	<b>Tanuja Tummala, Harrisburg University of Science and Technology, United States</b> Title: Diabetes risk stratification using self-reported health indicators: A machine learning and explainability approach

Poster Presentations

Central  
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Virtual	15:20-15:30	09:20-09:30	
<b>Dominic Sandell, Embry-Riddle Aeronautical University, United States</b>			
Title: The effect of finasteride on parity rates in <i>drosophila melanogaster</i>			
Virtual	15:30-16:10	06:30-07:10	Keynote Presentations
<b>Luis Jesus Villarreal Gomez, FCITEC - Universidad Autónoma De Baja California, Mexico</b>			
Title: Design and evaluation of exo-ITC: A bilayer fibrous system for controlled exosome delivery in dermatological applications			
Virtual	16:10-16:50	11:10-11:50	
<b>Paulo Cesar De Moraes, University of Brasilia, Brazil</b>			
Title: Mathematical modeling of the disc diffusion test: Antibacterial activity of copper-doped SnO <sub>2</sub>			
Virtual	16:50-17:30	09:50-10:30	
<b>Andreas M Papas, Antares Health Products, United States</b>			
Title: Emerging formulation and delivery applications of vitamin E TPGS			
Virtual	17:30-18:10	11:30-12:10	
<b>Consolato M Sergi, Universities of Alberta and Ottawa, Canada</b>			
Title: Medical liver biopsy: Toward a personalized approach			
Virtual	18:10-18:30	19:10-19:30	Oral Presentations
<b>Ali Yetgin, Toros Agri Industry and Trade Co. Inc., Turkey</b>			
Title: Biotechnological methods for optimizing secondary metabolite production in plants for pharmaceuticals			
Virtual	18:30-18:50	12:30-12:50	
<b>Ravi P Sahu, Wright State University, United States</b>			
Title: Impact of histone deacetylase isoform on the effectiveness of immune checkpoint therapy			
Virtual	18:50-19:10	12:50-13:10	
<b>Rose Stiffin, Chair, United States</b>			
Title: Green chemistry, honey-based synthesis of silver nanoparticles and the evaluation of their antibacterial activities			
Virtual	19:10-19:30	22:40-23:00	
<b>Rama Rao Nadendla, Chalapathi Institute of Pharmaceutcal Sciences, India</b>			
Title: Pharmacometrics: Evolution, current applications, and future horizons in drug development and personalized medicine			
Virtual	19:30-19:50	20:30-20:50	
<b>Roman Lysiuk, Danylo Halytsky Lviv National Medical University, Ukraine</b>			
Title: Aloe leaf juice as a basis for antiseptic-enhanced wound healing agents in wartime			



Central  
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Virtual      19:50-20:10      13:50-14:10

**Teresa Carvajal, Purdue University, United States**

Title: Impact of sugars on electrospray-dried peptide/protein powder formulations

Virtual      20:10-20:30      23:40-24:00

**Bindiya Chauhan, SGT University, India**

Title: Quality assurance framework for implementing therapeutic drug monitoring in preterm infants:  
Enhancing safety and precision in neonatal care

End of Day 2

**Moderators:** Anil Pareek, Lachoo Memorial College of Science and Technology, India  
 Preeti Sharma, Autonomous State Medical College, India

**Chair:** Bhupendra Gopalbhai Prajapati, Parul University, India

Central  
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Local Timings

Virtual	09:00-09:40	09:00-09:40	Keynote Presentations
	<b>Bernd Blobel, University of Regensburg, Germany</b> Title: Managing healthcare transformation towards personalized, preventive, predictive, participative precision medicine ecosystems		
Virtual	09:40-10:20	19:40-20:20	
	<b>Madhav Bhatia, University of Otago, New Zealand</b> Title: Search for novel biomarkers and therapeutic targets for inflammatory disease		
Virtual	10:20-11:00	13:50-14:30	
	<b>Bhupendra Gopalbhai Prajapati, Parul University, India</b> Title: Abuse-deterrent dosage form technique utilizing a fusion of innovative pharmaceuticals and ion exchange resin		
Virtual	11:00-11:40	14:30-15:10	
	<b>P K Suresh, Vellore Institute of Technology, India</b> Title: In-silico analysis for the screening and selection of repurposed drugs and mitochondrial targets for drug development and delivery for OSCC therapy		
Virtual	11:40-12:00	11:40-12:00	Oral Presentations
	<b>Lisa Marinelli, University "G. d'Annunzio" of Chieti-Pescara, Italy</b> Title: Drug delivery strategies for the management of microbial infections and wound healing		
Virtual	12:00-12:20	11:00-11:20	
	<b>Punam Kumari, Pharmacovigilance Consultant/Clinexel, United Kingdom</b> Title: Medication errors: Detection, impact, and risk reduction through pharmacovigilance		
Virtual	12:20-12:40	12:20-12:40	
	<b>Marilisa Pia Dimmito, University "G. d'Annunzio" of Chieti-Pescara, Italy</b> Title: From self-assembly to healing: Engineering ultra-small peptides into supramolecular hydrogels for controlled drug release		
Virtual	12:40-13:00	16:10-16:30	
	<b>Preeti Sharma, Autonomous State Medical College, India</b> Title: Study of serum adiponectin and hsCRP in diabetic patients		
Virtual	13:00-13:20	14:00-14:20	
	<b>Sigal Fleisher-Berkovich, Ben-Gurion University of the Negev, Beer-Sheva, Israel</b> Title: Cannabinoid acids for the treatment of multiple sclerosis		

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Local Timings

Virtual	13:20-13:40	16:50-17:10
<b>Rajesh Kumar, R.D.S. College, B.R.A. Bihar University, India</b> Title: Chemo-enzymatic synthesis of bridged nucleosides		
Virtual	13:40-14:00	17:10-17:30
<b>Anil Pareek, Lachoo Memorial College of Science and Technology (Autonomous), India</b> Title: Epigenetics in drug development: Unlocking novel therapeutic strategies for precision medicine		
Virtual	14:00-14:20	14:00-14:20
<b>Nizama Hodzic, Bosnalijek Pharmaceutical Industry, Bosnia and Herzegovina</b> Title: Impact and challenges supply chain reliability in pharmaceutical process development		
Virtual	14:20-14:40	17:50-18:10
<b>Parikshit R Shirode, Parul University, India</b> Title: Development, pharmaceutical analysis and in-vitro evaluation of modified herbal fumigation formulations		
Virtual	14:40-15:00	15:40-16:00
<b>Tarek Aboul-Fadl, Assiut University, Egypt</b> Title: Novel nucleobase–2-oxindole–heterocyclic hybrids as selective cell cycle regulators with potential anticancer activities		
Virtual	15:00-15:20	10:00-10:20
<b>Andre Luiz Pereira, Escola de Saúde Pública do Estado de Minas Gerais (ESP-MG), Brazil</b> Title: Pharmacopollution: Trends over time		
Virtual	15:20-15:40	18:20-18:40
<b>Monica Arora, Villa College, Republic of Maldives</b> Title: Personalized medicine: Tailoring drug delivery systems for targeted therapeutic efficacy		
Virtual	15:40-16:00	19:10-19:30
<b>K. Bhavyasri, RBVRRWCP, India</b> Title: Comprehensive analytical and bioanalytical method validation for the quantification of linagliptin and empagliflozin in fixed-dose combinations		
Virtual	16:00-16:20	16:00-16:20
<b>Maria Borrell, Sant Pau Institute for Biomedical Research (IR-Sant Pau), Spain</b> Title: Cholesterol lowering and regulation of inflammation by PCSK9		
Virtual	16:20-16:40	10:20-10:40
<b>Phanikumar Reddy Satti, Veranova L.P., United States</b> Title: Analytical methods based on liquid chromatography tandem mass spectrometry for the detection of genotoxic nitrosamine impurities		

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Local Timings

Virtual	16:40-17:00	07:40-08:00	
<b>Xiaodong Li, LUXENA Pharmaceuticals, Inc., United States</b>			
Title: The critical role of lung safety in regulatory approval of systemic inhalation delivery products			
Virtual	17:00-17:40	11:00-11:40	<b>Keynote Presentations</b>
<b>Stephen Hsu, Augusta University, United States</b>			
Title: Fast nanotechnology: A novel platform for drug development and beyond			
Virtual	17:40-18:20	08:40-09:20	
<b>Axel H. Schönthal, University of Southern California, United States</b>			
Title: Development of novel drug delivery pathways enabled by perillyl alcohol (NEO100), a monoterpene with multifaceted biomedical applications			
Virtual	18:20-19:00	17:20-18:00	
<b>Huiqin Yang, ICON Clinical Research Ltd, United Kingdom</b>			
Title: Precision oncology and personalised medicine: Innovative technology for the treatment of colorectal cancer			

## END NOTE

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*We wish to meet you again at our  
upcoming event*

13<sup>th</sup> Edition of Global Conference on  
**Pharmaceutics and Novel Drug Delivery Systems**

September 2026 | Italy | Hybrid Event  
<https://pharmaceuticsconference.com/>

**Questions? Contact**

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