



12th 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
Vladlen Slepak, University of Miami, United States 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	
Yong Xiao Wang, Albany Medical College, United States Title: Innovative development and delivery of biologics for chronic obstructive pulmonary disease		
In-person	10:40-11:20	
Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences & InMedStar, Russian Federation 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	
Miroslav Radenković, University of Belgrade, Serbia Title: Macitentan/tadalafil combination – An additional value in pharmacotherapy of pulmonary arterial hypertension		
In-person	12:20-12:40	Oral Presentations
Barbara DE Filippis, University “G. d’Annunzio”, Italy Title: Identification of sulfonamide-based aromatase inhibitors in the breast cancer research		
In-person	12:40-13:00	
Rassa Pegahi, UPSA, France Title: Pharmacology of chlorphenamine and pseudoephedrine use in the common cold		
13:00-14:00 Lunch @Restaurant		
In-person	14:00-14:20	
Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences & InMedStar, Russian Federation 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	
Rassa Pegahi, UPSA, France Title: Is paracetamol (acetaminophen) still a first line option for pain and fever in paediatrics?		

Central European Summer Time (CEST)

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 ofTitle: 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 ofTitle: 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 & precision medicine: Drug discovery & 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

Central
European
Summer Time
(CEST)

Local Timings

Virtual	09:00-09:40	09:00-09:40	Keynote Presentations
	Maria Cristina Gamberini, University of Modena and Reggio Emilia, Italy Title: Analytical strategies for solid-state forms in drug development		
Virtual	09:40-10:20	15:40-16:20	
	Saad Tayyab, UCSI University, Malaysia Title: Understanding drug transport in plasma: The role of protein binding		
Virtual	10:20-10:40	10:20-10:40	Oral Presentations
	Anna W. Sobańska, Medical University of Lodz, Poland Title: Psychedelic drugs–safety problems in pregnancy		
Virtual	10:40-11:00	11:40-12:00	
	Natassa Pippa, National and Kapodistrian University of Athens, Greece Title: Morphological versatility of hybrid systems: Mimicking the self-assembly of natural structures		
Virtual	11:00-11:20	10:00-10:20	
	Gurpreet Singh, IQVIA, United Kingdom Title: Global drug development-current trends, challenges and opportunities		
Virtual	11:20-11:40	17:20-17:40	
	Vyacheslav R. Shulunov, Institute of Physical Materials Science of the Siberian Branch of the Russian Academy of Science, Russia Title: Biodegradable ribbon for roll porous scaffold 3D bioprinting technology		
Virtual	11:40-12:00	12:40-13:00	
	Rukiye Oztekin, Dokuz Eylul University, Turkey 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	
	Raja Chakraverty, Institute of Post Graduate Medical Education and Research, India Title: Nanoparticle mediated drug delivery system in cerebrovascular disorders		
Virtual	12:20-12:40	15:50-16:10	
	Nilay Solanki, Charotar University of Science and Technology, CHARUSAT Campus, India 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	Meliha Mehic, Bosnalijek Pharmaceutical Industry, Bosnia and Herzegovina Title: Lysozyme – enzybiotic as promising weapon against antimicrobial resistance
Virtual	13:00-13:20	16:30-16:50	Neha Agarwal, Navyug Kanya Mahavidyalaya, India Title: Acetaminophen-over the counter drug: Applications and safety concerns
Virtual	13:20-13:40	16:50-17:10	Dharmendra Kumar, Swami Vivekanand Subharti University, India Title: Formulation and evaluation of the Pilosomes as Drug Delivery System (PDDS)
Virtual	13:40-14:00	17:10-17:30	Deepika Sharma, CGC Mohali Punjab, India Title: Therapeutic drug development using biopolymer degrading enzymes
Virtual	14:00-14:20	17:30-17:50	Prashant Bhokardankar, Datta Meghe Ayurvedic Medical College Hospital and Research Centre, India Title: Ayurvedic bhasmas as nano medicines for human kind
Virtual	14:20-14:40	09:20-09:40	María José De Rosa, Instituto de Investigaciones Bioquímicas de Bahía Blanca, CONICET-UNS, Argentina 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	Mst. Rozina Parul, Gono University, Bangladesh 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	R K Maheshwari, Sri Govindram Seksaria Institute of Technology and Science, India Title: Eco-friendly hydrotropic technology in pharmaceutical analysis precluding the use of hazardous organic solvents
Virtual	15:10-15:20	09:10-09:20	Tanuja Tummala, Harrisburg University of Science and Technology, United States Title: Diabetes risk stratification using self-reported health indicators: A machine learning and explainability approach

Poster Presentations

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

Central
European
Summer Time
(CEST) Local Timings

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

**Teresa Carvajal &
Karen Gutierrez
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

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
 European
 Summer Time
 (CEST)

Local Timings

Virtual	09:00-09:40	09:00-09:40	Keynote Presentations
	Bernd Blobel, University of Regensburg, Germany Title: Managing healthcare transformation towards personalized, preventive, predictive, participative precision medicine ecosystems		
Virtual	09:40-10:20	19:40-20:20	
	Madhav Bhatia, University of Otago, New Zealand Title: Search for novel biomarkers and therapeutic targets for inflammatory disease		
Virtual	10:20-11:00	13:50-14:30	
	Bhupendra Gopalbhai Prajapati, Parul University, India 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	
	P K Suresh, Vellore Institute of Technology, India 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
	Lisa Marinelli, University "G. d'Annunzio" of Chieti-Pescara, Italy Title: Drug delivery strategies for the management of microbial infections and wound healing		
Virtual	12:00-12:20	11:00-11:20	
	Punam Kumari, Pharmacovigilance Consultant/Clinexel, United Kingdom Title: Medication errors: Detection, impact, and risk reduction through pharmacovigilance		
Virtual	12:20-12:40	12:20-12:40	
	Marilisa Pia Dimmito, University "G. d'Annunzio" of Chieti-Pescara, Italy 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	
	Preeti Sharma, Autonomous State Medical College, India Title: Study of serum adiponectin and hsCRP in diabetic patients		
Virtual	13:00-13:20	14:00-14:20	
	Sigal Fleisher-Berkovich, Ben-Gurion University of the Negev, Beer-Sheva, Israel Title: Cannabinoid acids for the treatment of multiple sclerosis		

Central
European
Summer Time
(CEST)

Local Timings

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

Central
European
Summer Time
(CEST)

Local Timings

Virtual	16:40-17:00	07:40-08:00	
Xiaodong Li, LUXENA Pharmaceuticals, Inc., United States			
Title: The critical role of lung safety in regulatory approval of systemic inhalation delivery products			
Virtual	17:00-17:40	11:00-11:40	Keynote Presentations
Stephen Hsu, Augusta University, United States			
Title: Fast nanotechnology: A novel platform for drug development and beyond			
Virtual	17:40-18:20	08:40-09:20	
Axel H. Schönthal, University of Southern California, United States			
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	
Huiqin Yang, ICON Clinical Research Ltd, United Kingdom			
Title: Precision oncology and personalised medicine: Innovative technology for the treatment of colorectal cancer			

END NOTE

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.

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

13th Edition of Global Conference on
Pharmaceutics and Novel Drug Delivery Systems

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

Questions? Contact

Phone: +1 (702) 988 2320 | WhatsApp: +1 (434) 264-7183

E-mail: pharma@magnusconference.com