



Naples 2026, Advances in pharmaceutical sciences

Joint EUFEPS / SITEF Conference, May 27 - 29, 2026 in Naples, Italy

Pre-Conference Workshop “History of Pharmacy”

	May 27
10:00-12:00	Pre-Conference Workshop “History of Pharmacy” Moderation: Axel Helmstädter
10:00 – 10:05	Welcome, Introduction Prof. Dr. Axel Helmstädter, Marburg, Germany
10:05 – 10:25	ABOUT HISTORY OF PHARMACY AND ITS CURRENT SITUATION IN ITALY Ernesto Riva

10:25 – 10:45	<p align="center">THE PHARMACIST AND THE PHARMACY IN ITALY BETWEEN THE TWO WORLD WARS</p> <p align="center">Marco Zini</p>
10:45 – 11:15	Coffee break
11:15 – 11:35	<p align="center">Napoleon and the Pharmacopoeia: The Lost Project of a Pharmacopoeia for the Napoleonic Kingdom of Italy</p> <p align="center">Enrico Cevolani</p>
11:35 – 11:55	<p align="center">ITALIAN WOMEN IN PHARMACY HISTORY</p> <p align="center">Chiara Beatrice Vicentini - Carlotta Mazzanti</p>
11:55 – 12:00	<p align="center">Closing remarks</p> <p align="center">Axel Helmstädter, Marburg, Germany</p>

Main Conference Program

	May 27
10.00– 12.30	Registration
12.00– 12.30	Welcome coffee and light lunch
13.00– 13.15	<p align="center">Opening of the joint EUFEPS / SITELF CONFERENCE 2026 (lecture hall)</p> <p align="center">Paola Minghetti, SITELF President Maria Blanco-Prieto, EUFEPS Past - President Giuseppe De Rosa, EUFEPS President</p>
	<p align="center">Plenary Session 1</p> <p align="center">Chairs: Maria Blanco-Prieto, Paola Minghetti</p>

13.15-14.00	PL1 (lecture hall), Angela Nieto Epithelial plasticity trajectories in development and disease		
14.00-14.45	PL2 (lecture hall), Rino Rappuoli Title		
	Invited lectures, parallel sessions I		
	Session 1 SL1 (lecture hall)	Session 2 (lecture hall)	Session 3 / Session 15 (lecture hall)
14.45-16.15	CNS Drug Delivery – Danish Pharmaceutical Society Chairs: Stine Rønholt, Mie Kristensen	Extracellular vesicles and biomimetic particles – Finish Pharmaceutical Society Chairs: Arto Merivaara, TBC	Replacement of animal experimentation - ÖPhG One Health Concept – EUFEPS Veterinary Medicines Network Chairs: Ivo Schmerold, Helmut Viernstein
14.45-15.15	Lasse Saaby Predicting Brain Drug Distribution In Vitro – for Optimizing CNS Drug Delivery	Tapani Viitala Real-time label-free sensing platforms for extracellular vesicle characterization	14.45 – 15.15 Theresa Balber Using the fertilized chicken egg as an alternative model for developing novel diagnostic and therapeutic approaches
15.15-15.35	Stela Muçaj Design, characterization, and in vitro evaluation of surface-modified nanoparticles to improve blood-brain barrier permeability in Alzheimer's disease	Sara Mathlouthi Patient-derived extracellular vesicles as biomimetic nanocarriers for personalized anticancer vaccine delivery	15.15 – 15.45 Inge van Geijlswijk How much antimicrobials are used in veterinary medicine in the EU? An introduction to ESUAvet of EMA.
15.35-15.55	Carla Serri Hybrid Nanoparticles for Nose-to-Brain Drug Delivery: Design and Therapeutic Applications in CNS Disorders	Rosa Maria Iacobazzi Biomimetic Hybrid Liposomes for Targeted Radionuclide Imaging of Glioblastoma	15.45 – 16.05 Juan José Quispe Haro Ethical, Reproducible and Fast: <i>Galleria mellonella</i> as a model organism in pharmaceutical research
15.55-16.15	Carla Vitorino Temozolomide Derivative as a Next-Generation Candidate for Glioblastoma Therapy	Elisa Garbayo Injectable alginate-collagen hydrogel for cardiac delivery of extracellular vesicles	
16.15-16.45	Coffee break		

16:45-17:00	Sponsor flash presentation	
	Plenary Session 2 Chair: Elias Fattal	
17.00-17.45	PL3 (lecture hall), Catherine Le Visage Advanced biomaterial platforms for bioactive factor delivery in intervertebral disc regenerative therapies	
17:45-18:45	Flash presentations (5 min each) (lecture hall) Moderator:	
1	Aleksandra Szczepankiewicz , Optimizing Lipid Nanoparticle Design for Efficient miRNA Transfection in Airway Epithelium	6 Antonio Lopalco , Preformulation-Driven Development of 3D Printed Olaparib Tablets
2	Luminita-Claudia Miclea , Multimodal assessment and three-dimensional subcellular localization of folate-functionalized mesoporous nanoparticles loaded with Irinotecan	7 Claudia Palacios-Hita , Novel strategy for the treatment of onychomycosis by enhancing the transonychial penetration of antifungal drugs
3	Judit Váradi , In Vitro Ranking of LNP Lipids for Gene-Silencing Applications	8 Nebojsa Pavlovic , 3D-printed microfluidic platform for sustainable natural gum-stabilized emulsions
4	Annalisa Pecoraro , The CAM model: a reliable preclinical platform for in vivo testing of novel therapeutic compounds and drug delivery systems	9 Marco Dattilo , Development of Amine-Functionalized Dextran Nanocarriers for Enhanced Non-Viral Gene Delivery
5	Caterina Valentino , Poly(lactic acid)/chitosan-hydrolyzed collagen neural guide conduit for peripheral nerve regeneration	10 Andrea Casale , Title
18.45-19.45	Poster Session	
19.45-21.30	Welcome Reception	

	May 28
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08.30-09.00	Welcome coffee
	Plenary Session 3 Chair: Nunzio Denora, Ruggero Bettini
09.00-09.45	PL4 (lecture hall), Catherine Tuleu Children, Pharmaceuticals and Other Stories
09.45-10.30	PL5 (lecture hall), Regina Scherließ Formulation design for inhaled delivery – to the lungs and beyond
10.30-11.00	Coffee break

Parallel sessions II			
	Session 4 (lecture hall)	Session 5 (lecture hall)	Session 6 (lecture hall)
11.00-12.30	Drug delivery – <i>EPRIN Network and SIF</i> Chairs: Jesse Swen, TBC	Advances in Quality Control and Regulatory Science – Swedish Pharmaceutical Society Chairs: Anders Karlsson, TBC	Multidisciplinary drug development – Hungarian <i>Pharmaceutical Society</i> Chairs: Ildikó Bacskay, TBC
11.00-11.30	11.00 – 11.20 Thorsten Lehr From Byte to Bedside: PBPK Modeling Networks for Precision Dosing in Polymedicated Patients	Jufang Wu-Ludwigsson Embed flexibility in quality control method using scientific and risk-assessment approach	György Marosi Polymer Based Eco-efficient Pharmatech Platforms: Integrating Biopolymer Innovation with Industrial Translation
11.30-11.50	11.20 – 11.35 Matteo Floris Omics-driven strategies to advance pharmacogenetics	Sara Azari RNA-Based Therapeutics: What factors are relevant when assessing their quality from a regulatory standpoint?	Gaia Scoppetta Green-Synthesized siRNA-Loaded Layer-by-Layer MnO ₂ @INU-bPEI Nanohybrids for Cancer Theranostics
11.50-12.10	11.35 – 11.50 Erika Cecchin Clinical pharmacogenomics: from the analysis of single variants to the use of comprehensive NGS profiling	Katarina Bolko Seljak Mechanochemical Screening and Solid-State Characterization of New Vinpocetine Salts with Sulfonic Acids	Janne Tampio From nutrient uptake to drug targeting – Notes from the L-type amino acid transporter 1
	11.50 – 12.10 Marta Kowalska	Eduardo Díaz Torres	Zakaria Ouzaid

12.10-12.30	Modulation of the inflammatory response by selective JAK inhibitors in an in vitro model of stimulated murine splenocytes	On-line Raman mapping integrated with 3D printing for PAT/QbD-based quality control in decentralized printlet manufacturing	Towards HSV Management with Minimal Invasiveness: Mechanical Integrity, Skin Penetration and Ex Vivo Deposition of Bilayer Berberine-Loaded Dissolving Microneedles
	12.10 – 12.30 Panel discussion		

12.30-13.45	PhD's Competition (lecture hall) Moderator: <i>See detailed program below</i>		
13.45 – 14.30	Lunch break		

Parallel sessions III			
	Session 7 (lecture hall H8)	Session 8 (lecture hall H7)	Session 9 (lecture hall H5)
14.30-16.00	Phospholipids in drug delivery – Phospholipid Research Center Chairs: Giuseppe De Rosa, Simon Drescher	Nanotechnology and advanced drug delivery bridging disciplines for innovative therapeutics – EUFEPS Network on Nanomedicine and Advanced Drug Delivery Chairs: Fabio Sonvico, Maria Blanco-Prieto	Current Challenges in Clinical Pharmacy and Biopharmaceutics – German Pharmaceutical Society Chairs: Oliver Scherf-Clavel, Enrica Menditto
14.30-15.00	Simon Drescher Phospholipids	Pieter Vader Extracellular vesicles for RNA delivery: From mechanistic insights towards therapeutic applications	Jérôme Berger From Legal Framework to Daily Practice: Lessons from Pharmacists Prescribing Implementation in Switzerland
15.00-15.20	Martin Brandl Phospholipid-based amorphous solid dispersions - Elucidating the mechanism of oral drug absorption-enhancement	Sara Lorenzoni A hydrogel-based 3D neuroblastoma platform for evaluating RGD-targeted Etoposide-solid lipid nanoparticle delivery	Sara Azari Regulatory Challenges and Classification of Substance-Based Medical Devices under Regulation (EU) 2017/745
15.20-15.40	Paola Luciani Injectable Liposomal Depots: A Bottom-Up Journey from In Silico to In Vivo	Anisoara Puflea Impedance-based evaluation of antitumoral effect of zinc oxide nanoparticles doped with	Sara Mucherino Medication Adherence Management in Chronic Care: Machine-Learning-Based Drug Utilization

		manganese on human oral squamous cell carcinoma	Models and Translational Application to Pharmacy Practice
15.40-16.00	Wolfgang Friess Proteins At The Interface - Monoacyl Phospholipids To The Rescue	Siria Emily Nesti Intratumoral Liposomal Delivery of a Model Antigen Enhances Pre-Existing Immunity and Drives Antitumor Responses	Name Title
	Plenary Session 3 Chair: Giuseppe De Rosa		
16.00-16.45	PL6 (lecture hall), Paolo Caliceti Title		
17.00-17.30	Coffee break		
	Parallel sessions IV		
	Session 10 (lecture hall)	Session 11 (lecture hall)	Session 12 (lecture hall)
17.30-19.00	Nucleic acid based therapy - Division of Pharmaceutical Technology Chairs: TBC	Challenges and Opportunities in Drug Bioavailability Enhancement – EUFEPS BABP Network Chairs: Erem Bilensoy, TBC	Microfluidics and Emerging Technologies for Nanoparticle Manufacturing – Turkish Pharmaceutical Society Chairs: Zeynep Teksin, TBC
17.30-18.00	17.30 – 18.00 Olivia Merkel From Bits to Breath: Data-Driven Design and Aerosol Engineering of Inhalable RNA Nanomedicines for Lung Disease	Bruno Sarmento Biology-Driven FcRn-Targeted Nanoplatfoms for Oral Delivery of Antidiabetic Peptides	Yvonne Perrie From Microfluidics to Mechanism: Understanding How Manufacturing Shapes LNP Performance
18.00-18.20	18.00 – 18.30 Antonio Randazzo Targeting DNA G-quadruplexes to enhance chemotherapeutic efficacy	Werner Weitschies Title	Eleonora D'Intino Key Parameters In Formulation By Design Of Microfluidic Liposomes: Integrating Flow Variable Control And Multi-Analytical Characterization
18.20-18.40	18.30 – 19.00 Annamaria De Luca Hypes and hopes of RNA-based therapies in rare neuromuscular diseases	Sorosh Ziarati Toward Fully Integrated Continuous Manufacturing of Biologics: Drivers, Challenges, and a Strategic Roadmap	Joice Maria Joseph Circular-Economy Nanoplatfom: Biogenic Silver Nanoparticles and Microfluidic Liposomes Derived from Winemaking Residues

18.40-19.00		Artur Świerczek Development and Human Extrapolation of a Physiologically Based Pharmacokinetic Model of Itacitinib in Mice	Ersilia Villano From Bench to Microfluidics: Scalable Production of Functional siRNA-Loaded Lipid@PLGA Hybrid Nanoparticles
20.00-23.30	Conference dinner		

	May 29		
08.30-09.00	Welcome coffee		
9.00-10.00	Round Table / Interview (lecture hall) “AI – friend or foe in pharmaceutical sciences” Moderator: Anke-Hilse Maitland-van der Zee, Mareike Lutz Panel: 1. Dieter Steinhilber 2. 3. 4. 5.		
	Parallel sessions V		
	Session 13 (lecture hall H8)	Session 14 (lecture hall H7)	Session 16 (lecture hall H5)
10.00-11.30	Smart Formulation Strategies to Overcome Drug Delivery Barriers – Spanish Pharmaceutical Society Chairs: Elisa Garbayo, TBC	Food supplements – Division of Pharmaceutical Technology Chairs: Maria Daglia, Marco Cespi	Nanomedicine and innovative drug delivery systems – EUFEPS / SITELF Chairs:
10.00-10.30	Nicolas Tsapis Stable fluorinated poly(malic Acid) microbubbles for ultrasound-induced Blood-Brain Barrier opening and prolonged imaging	Augusta Caligiani Innovation in Food Supplements Within the Novel Food Regulatory Framework	10.00 - 12.20 Elena Giuliano Thermoresponsive Pluronic 407 Hydrogels as Functional Systems for Local Anti-Inflammatory Therapy: From Wound Healing to IBD
10.30-10.50	Valeria Nele Self-assembling nanoparticles for miRNA delivery towards precision medicine against metastatic melanoma	Alessandra Maroni Food Supplements: A Formulation Perspective	10.20 – 10.40 Noemi Csaba Dual delivery systems for mucosal drug delivery in inflammatory bowel disease

<p>10.50-11.10</p>	<p>Paula Fernández-Muro Ionizable Solid Lipid Nanoparticles for Complement Factor H Gene Supplementation Therapy in Dry Age-Related Macular Degeneration</p>	<p>Alessandro Di Minno A Translational Study on Hippophae rhamnoides L. Fruit Extract: From Molecular and Microbiota Modulation to Clinical Management of Chronic Idiopathic Constipation</p>	<p>10.40 – 11.00 Rebecca Castellacci Galactosyl-Coated Liposomes for the Targeted Delivery of Ellagic Acid to Senescent Cells</p>
<p>11.10-11.30</p>	<p>Marcos Garcia-Fuentes Polyphosphazene-Based mRNA Nanoparticles for Efficient Glioblastoma Immunomodulation in Combination with Radiotherapy</p>	<p>Immacolata Faraone Nanotechnology meets olive phytochemicals: liposomal systems for enhanced stability and functionality</p>	<p>11.00 – 11.20 Ilaria Andreana From hydrophobic molecule to nanomedicine: liposomal encapsulation of Firasinib for controlled delivery</p>
<p>11.30-12.00</p>	<p style="text-align: center;">Awards and Closing ceremony (lecture hall)</p> <ul style="list-style-type: none"> -EJPS Best Paper Award - Poster Awards - EUFEPS WIPS Awards - PhD competition Awards - EUFEPS Presidential Distinction Award - FFQM Award 		

