



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” lecture hall Auditorium Aula Magna Moderation: Axel Helmstädter
10:00 – 10:05	Welcome, Introduction Prof. Dr. Axel Helmstädter, Marburg, Germany
10:05 – 10:25	(PC.1) ABOUT HISTORY OF PHARMACY AND ITS CURRENT SITUATION IN ITALY Ernesto Riva

10:25 – 10:45	<p align="center">(PC.2) 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">(PC.3) 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">(PC.4) 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 Auditorium Aula Magna)</p> <p align="center">Paola Minghetti, SITELF President Maria Blanco-Prieto, EUFEPS Past - President Giuseppe De Rosa, EUFEPS President</p>

Plenary Session 1 (lecture hall Auditorium Aula Magna) Chairs: Maria Blanco-Prieto, Paola Minghetti			
13.15-14.00	PL1, Catherine Le Visage Advanced biomaterial platforms for bioactive factor delivery in intervertebral disc regenerative therapies		
14.00-14.45	PL2, Paolo Caliceti Bioconjugation in Drug Delivery: Bridging Scientific Innovation and Clinical Success		
Invited lectures, parallel sessions I			
	Session 1 SL1 (lecture hall Auditorium Aula Magna)	Session 2 (lecture hall room 1.6)	Session 3 / Session 15 (lecture hall room 1.7)
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, Jarkko Rautio 	Replacement of animal experimentation - ÖPhG  One Health Concept – EUFEPS Veterinary Medicines Network Chairs: Ivo Schmerold, Helmut Viernstein 
14.45-15.15	Lasse Saaby (SL.1) Predicting Brain Drug Distribution In Vitro – for Optimizing CNS Drug Delivery	Tapani Viitala (SL.5) Real-time label-free sensing platforms for extracellular vesicle characterization	14.45 – 15.15 Theresa Balber (SL.9) Using the fertilized chicken egg as an alternative model for developing novel diagnostic and therapeutic approaches
15.15-15.35	Stela Muçaj (SL.2) Design, characterization, and in vitro evaluation of surface-modified nanoparticles to improve blood-brain barrier permeability in Alzheimer's disease	Sara Mathlouthi (SL.6) Patient-derived extracellular vesicles as biomimetic nanocarriers for personalized anticancer vaccine delivery	15.15 – 15.45 Inge van Geijlswijk (SL.10) How much antimicrobials are used in veterinary medicine in the EU? An introduction to ESUAvet of EMA.
15.35-15.55	Carla Serri (SL.3) Hybrid Nanoparticles for Nose-to-Brain Drug Delivery: Design and Therapeutic Applications in CNS Disorders	Rosa Maria Iacobazzi (SL.7) Biomimetic Hybrid Liposomes for Targeted Radionuclide Imaging of Glioblastoma	15.45 – 16.05 Juan José Quispe Haro (SL.11) Ethical, Reproducible and Fast: Galleria mellonella as a model organism in pharmaceutical research




15.55-16.15	Carla Vitorino (SL.4) Temozolomide Derivative as a Next-Generation Candidate for Glioblastoma Therapy	Elisa Garbayo (SL.8) 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 (lecture hall Auditorium Aula Magna) Chair: Elias Fattal		
17.00-17.45	PL3, Angela Nieto Epithelial plasticity trajectories in development and disease		
17:45-18:45	Flash presentations (5 min each) (lecture hall Auditorium Aula Magna) Moderator: Manfred Schubert-Zsilavec		
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 transonychia 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 , Developing Inhalable Chitosan Nanoparticles to Overcome Barriers in the Treatment of Resistant Lung Infections
18.45-19.45 / 21.00	Poster Session and Welcome Reception		

	May 28
08.30-09.00	Welcome coffee
	Plenary Session 3 (lecture hall Auditorium Aula Magna) Chair: Nunzio Denora, Ruggero Bettini
09.00-09.45	PL4, Catherine Tuleu Children, Pharmaceuticals and Other Stories
09.45-10.30	PL5, 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 Auditorium Aula Magna)	Session 5 (lecture hall room 1.6)	Session 6 (lecture hall room 1.7)
11.00 - 12.30	Drug delivery – EPRIN Network and SIF Chairs: Jesse Swen, Rossana Roncato  	Advances in Quality Control and Regulatory Science – Swedish Pharmaceutical Society Chairs: Anders Karlsson, Joao Lopes 	Multidisciplinary drug development – Hungarian Pharmaceutical Society Chairs: Ildikó Bacskay, Doina Draganescu 
11.00 - 11.30	11.00 – 11.20 Thorsten Lehr (SL.12) From Byte to Bedside: PBPK Modeling Networks for Precision Dosing in Polymedicated Patients	Jufang Wu-Ludwigsson (SL.16) Embed flexibility in quality control method using scientific and risk-assessment approach	György Marosi (SL.20) Polymer Based Eco-efficient Pharmatech Platforms: Integrating Biopolymer Innovation with Industrial Translation

11.30 - 11.50	11.20 – 11.35 Matteo Floris (SL.13) Implementing Pharmacogenetics in Italy: National Initiatives and Strategic Priorities	Sara Azari (SL.17) RNA-Based Therapeutics: What factors are relevant when assessing their quality from a regulatory standpoint?	Gaia Scoppetta (SL.21) 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 (SL.14) Clinical Pharmacogenomics: From Single-Variant Analysis to Comprehensive NGS Profiling	Eduardo Díaz Torres (SL.19) On-line Raman mapping integrated with 3D printing for PAT/QbD-based quality control in decentralized printlet manufacturing	Janne Tampio (SL.22) From nutrient uptake to drug targeting - Notes from the L-type amino acid transporter 1
12.10 - 12.30	11.50 – 12.10 Marta Kowalska (SL.15) Modulation of the inflammatory response by selective JAK inhibitors in an in vitro model of stimulated murine splenocytes		
	12.10 – 12.30 Panel discussion		




12.30 - 13.45	PhD's Competition (lecture hall Auditorium (Aula Magna)) Moderator: Ágota Pető, Janne Tampio <i>See detailed program below</i>
13.45 - 14.30	Lunch break

Parallel sessions III			
	Session 7 (lecture hall Auditorium Aula Magna)	Session 8 (lecture hall room 1.6)	Session 9 (lecture hall room 1.7)
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 (SL.24) Phospholipids in Drug Delivery: From Molecular Versatility to Research Translation at the Phospholipid Research Center Peter Hölig GMP Phospholipids for Pharmaceutical Applications	Pieter Vader (SL.28) Extracellular vesicles for RNA delivery: From mechanistic insights towards therapeutic applications	Jérôme Berger (SL.32) From Legal Framework to Daily Practice: Lessons from Pharmacists Prescribing Implementation in Switzerland
15.00 - 15.20	Martin Brandl (SL.25) Phospholipid-based amorphous solid dispersions - Elucidating the mechanism of oral drug absorption-enhancement	Sara Lorenzoni (SL.29) A hydrogel-based 3D neuroblastoma platform for evaluating RGD-targeted Etoposide-solid lipid nanoparticle delivery	Umberto Musazzi (SL.33) Regulatory Challenges and Classification of Substance-Based Medical Devices under Regulation (EU) 2017/745
15.20 - 15.40	Paola Luciani (SL.26) Injectable Liposomal Depots: A Bottom-Up Journey from In Silico to In Vivo	Anisoara Puflea (SL.30) Impedance-based evaluation of antitumoral effect of zinc oxide nanoparticles doped with manganese on human oral squamous cell carcinoma	Sara Mucherino (SL.34) Medication Adherence Management in Chronic Care: Machine-Learning-Based Drug Utilization Models and Translational Application to Pharmacy Practice
15.40 - 16.00	Wolfgang Friess (SL.27) Proteins At The Interface - Monoacyl Phospholipids To The Rescue	Siria Emily Nesti (SL.31) Intratumoral Liposomal Delivery of a Model Antigen Enhances Pre-Existing Immunity and Drives Antitumor Responses	Olga Grintsova (SL.35) Are pharmacists in Germany ready to prescribe? Perspective of practicing pharmacists on prescribing models and their potential role in diabetes care
	Plenary Session 4 (Auditorium (Aula Magna)) Chair: Giuseppe De Rosa		
16.00 - 16.45	PL6, Luigi Aurisicchio DNA Vaccines in the Era of Precision Medicine and Pandemic Preparedness		
17.00 - 17.30	Coffee break		

Parallel sessions IV			
	Session 10 (lecture hall Auditorium Aula Magna)	Session 11 (lecture hall room 1.6)	Session 12 (lecture hall room 1.7)
17.30 - 19.00	<p>Nucleic acid based therapy - Division of Pharmaceutical Technology Chairs: Orazio Nicolotti, Mariarosaria Bucci</p>  	<p>Challenges and Opportunities in Drug Bioavailability Enhancement – EUFEPS BABP Network Chairs: Erem Bilensoy, Dieter Steinhilber</p> 	<p>Microfluidics and Emerging Technologies for Nanoparticle Manufacturing – Turkish Pharmaceutical Society Chairs: Zeynep Teksin, Nunzio Denora</p> 
17.30 - 18.00	<p>17.30 – 18.00 Olivia Merkel (SL.36) From Bits to Breath: Data-Driven Design and Aerosol Engineering of Inhalable RNA Nanomedicines for Lung Disease</p>	<p>Bruno Sarmiento (SL.39) Biology-Driven FcRn-Targeted Nanoplatfoms for Oral Delivery of Antidiabetic Peptides</p>	<p>Yvonne Perrie (SL.43) From Microfluidics to Mechanism: Understanding How Manufacturing Shapes LNP Performance</p>
18.00 - 18.20	<p>18.00 – 18.30 Antonio Randazzo (SL.37) Targeting DNA G-quadruplexes to enhance chemotherapeutic efficacy</p>	<p>Werner Weitschies (SL.40) EsoCap: A novel drug delivery system for local treatment of the esophagus</p>	<p>Eleonora D'Intino (SL.44) Key Parameters In Formulation By Design Of Microfluidic Liposomes: Integrating Flow Variable Control And Multi-Analytical Characterization</p>
18.20 - 18.40	<p>18.30 – 19.00 Annamaria De Luca (SL.38) Hypes and hopes of RNA-based therapies in rare neuromuscular diseases</p>	<p>Sorosh Ziarati (SL.41) Toward Fully Integrated Continuous Manufacturing of Biologics: Drivers, Challenges, and a Strategic Roadmap</p>	<p>Joice Maria Joseph (SL.45) Circular-Economy Nanoplatfom: Biogenic Silver Nanoparticles and Microfluidic Liposomes Derived from Winemaking Residues</p>
18.40 - 19.00		<p>Artur Świerczek (SL.42) Development and Human Extrapolation of a Physiologically Based Pharmacokinetic Model of Itacitinib in Mice</p>	<p>Ersilia Villano (SL.46) From Bench to Microfluidics: Scalable Production of Functional siRNA-Loaded Lipid@PLGA Hybrid Nanoparticles</p>
20.00 - 23.30	Conference dinner		

	May 29
08.30-09.00	Welcome coffee

9.00-10.00	<p align="center">Round Table / Interview (lecture hall Auditorium Aula Magna) “AI – friend or foe in pharmaceutical sciences”</p> <p align="center">Moderator: Anke-Hilse Maitland-van der Zee</p> <p align="center">Panel:</p> <p align="center">1. Dieter Steinhilber 2. Mareike Lutz 3. Ed Moret</p>		
	Parallel sessions V		
	Session 13 (lecture hall Auditorium Aula Magna)	Session 14 (lecture hall room 1.6)	Session 16 (lecture hall room 1.7)
10.00 - 11.30	<p>Smart Formulation Strategies to Overcome Drug Delivery Barriers – Spanish Pharmaceutical Society</p>  <p>Chairs: Elisa Garbayo, Anke-Hilse Maitland-van der Zee</p>	<p>Food supplements – Division of Pharmaceutical Technology</p>  <p>Chairs: Maria Daglia, Marco Cespi</p>	<p>Nanomedicine and innovative drug delivery systems – EUFEPS / SITELF</p>  <p>Chairs: Paolo Caliceti, Marco Bondi</p>
10.00 - 10.30	<p>Nicolas Tsapis (SL.47) Stable fluorinated poly(malic Acid) microbubbles for ultrasound-induced Blood-Brain Barrier opening and prolonged imaging</p>	<p>Augusta Caligiani (SL.51) Innovation in Food Supplements Within the Novel Food Regulatory Framework</p>	<p>10.00 - 10.20 Elena Giuliano (SL.55) Thermoresponsive Poloxamer 407 Hydrogels as Functional Systems for Local Anti-Inflammatory Therapy: From Wound Healing to IBD</p>
10.30 - 10.50	<p>Valeria Nele (S.48) Self-assembling nanoparticles for miRNA delivery towards precision medicine against metastatic melanoma</p>	<p>Alessandra Maroni (SL.52) Food Supplements: A Formulation Perspective</p>	<p>10.20 – 10.40 Noemi Csaba (SL.56) Dual delivery systems for mucosal drug delivery in inflammatory bowel disease</p>
10.50 - 11.10	<p>Paula Fernández-Muro (SL.49) Ionizable Solid Lipid Nanoparticles for Complement Factor H Gene Supplementation Therapy in Dry Age-Related Macular Degeneration</p>	<p>Alessandro Di Minno (SL.53) 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 (SL.57) Galactosyl-Coated Liposomes for the Targeted Delivery of Ellagic Acid to Senescent Cells</p>
11.10 - 11.30	<p>Marcos Garcia-Fuentes (SL.50)</p>	<p>Immacolata Faraone (SL.54)</p>	<p>11.00 – 11.20 Ilaria Andreana (SL.58)</p>

	Polyphosphazene-Based mRNA Nanoparticles for Efficient Glioblastoma Immunomodulation in Combination with Radiotherapy	Nanotechnology meets olive phytochemicals: liposomal systems for enhanced stability and functionality	From hydrophobic molecule to nanomedicine: liposomal encapsulation of Fraisinib for controlled delivery
11.30 - 12.00	<p align="center">Awards and Closing ceremony (lecture hall Auditorium Aula Magna)</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 		

EUFEPS PhD student competition

Jury: Prof. Dr. Martin Brandl, University of Southern Denmark, Denmark,

Prof. Dr. Doina Draganescu, University Carol Davila University of Medicine and Pharmacy, Romania

Dr. Christoph Saal, Boehringer Ingelheim, Germany

Dr. Lu Turković, University of Zagreb, Croatia, EUFEPS Young Section Committee

Moderators: Dr. Ágota Pető, University of Debrecen, Hungary, & Dr. Janne Tampio, University of Eastern Finland, Finland, EUFEPS Young Section Committee

	Sara Lorenzoni, University of Navarra, Spain, EUFEPS Young Section Committee Welcome and short introduction
1	Marloes Pennings, The Netherlands Molecular glues of the regulatory ChREBP/14-3-3 complex protect beta cells from glucolipototoxicity
2	Nico Boback, Germany Quantifying protein assembly and inhibition – label-free drug discovery by mass photometry
3	Barbara Balogh, Hungary Formulation and Investigation of Tapinarof-loaded Nanogels for the Treatment of Psoriasis
4	Monika Prašnikar, Slovenia Overcoming high viscosity in concentrated monoclonal antibody formulations using novel excipients
5	Meixin Ran, Finland Rapid and Sensitive Gene Detection in Double Strand DNA
6	Paula Gil Cabrerizo, Spain A multifunctional injectable alginate-collagen hydrogel for combined vascular and microRNA-based therapy in myocardial infarction
7	Johanna Fredriksson, Sweden

	Characterisation of lipid composition in EV-mimicking asymmetric large unilamellar vesicle delivery vectors
8	Mariana Coelho, Portugal Liposomes as a tool to improve the therapeutic effect of active agents against bacterial and tumor malignancies
9	Stela Muçaj, Turkey Design, characterization, and in vitro/in vivo/ex vivo evaluation of microneedle formulations containing surface-modified nanoparticles to enhance blood–brain barrier permeability in Alzheimer’s disease
10	Carmela Mazzacano, Italy Beyond PEGylation: Inulin-Based Stealth Nanocarriers for Efficient and Selective siRNA Delivery to Colorectal Cancer