



Young Researcher Symposium School of Pharmacy University of Camerino

Camerino 7 May 2026
ChIP Meeting Room - Ground Floor

A full-day symposium dedicated to showcasing emerging research within the School of Pharmacy at the University of Camerino. The event brings together early-career researchers working across a broad range of interdisciplinary areas, fostering exchange, collaboration and innovation.

09:15 - 09:30

Institutional Greetings

Guido Favia Vice Rector for Research, University of Camerino
Gianni Sagratini Director, School of Pharmacy, University of Camerino
Roberta Censi Deputy Director and Research Delegate, School of Pharmacy, University of Camerino

Session 1 - Food, Bioactive Compounds & Functional Health

09:30 - 10:42

Moderators: **Sauro Vittori, Laura Bordoni**

09:30 - 09:48

Cinzia Mannozi

Sustainable development of functional food products through innovative technologies for the extraction and valorization of bioactive compounds from agri-food matrices

09:48 - 10:06

Eleonora Spinuzzi

Plant-based natural products: from phytochemistry to bioactivity

10:06 - 10:24

Chiara Rucci

Molecular effects of a callus-derived extract from a traditional fruit of Marche region: a multiomic approach

10:24 - 10:42

Agnese Santanatoglia

Mapping the chemistry of coffee oxidation: a framework for freshness in cold extraction

Session 2 - Brain, Metabolism & Therapeutic Challenges

10:42 - 11:36

Moderators: **Nazzareno Cannella, Maria Vittoria Micioni di Bonaventura**

10:42 - 11:00

Esi Domi

A shared neuronal substrate underlying alcohol use disorder and chronic pain

11:00 - 11:18

Luca Botticelli

A translational animal model of binge eating induced by the combination of stress and caloric restriction: toward innovative pharmacological approaches

11:18 - 11:36

Giacomo Einaudi

Beyond traditional approaches for obesity: emerging strategies to address comorbidities

11:40 - 12:00

Coffee Break & Networking

Session 3 - Food Innovation & Analytics

12:00 - 13:30

Moderators: **Filippo Maggi, Giovanni Caprioli**

12:00 - 12:18

Laura Acquaticci

Advances in food science and technology by using different analytical methods

12:18 - 12:36

Laura Alessandrini

Taking food chemistry beyond the laboratory: connecting research, industry and society

12:36 - 12:54

Mattia Acito

Antibacterial activity of aquoDESs-based extracts from spent coffee grounds

12:54 - 13:12

Andrea della Valle

Deep learning recognition and analysis of Volatile Organic Compounds based on experimental and synthetic infrared absorption spectra

13:12 - 13:30

Marco Paniccià

VITALITY Project: From Indoor Environmental Monitoring to Green Space Exposure - Implications for Human Health

13:30 - 15:00

Networking Lunch

Session 4 - Drug Delivery, Materials & Emerging Technologies

(15:00 - 16:30)

Moderators: **Riccardo Pettinari, Diego Romano Perinelli**

15:00 - 15:18

Alessia Tombesi

Exploring Oxygen and Nitrogen Donor Ligands: From Biologically Active Metal Complexes to Advanced Materials

15:18 - 15:36

Cristina Casadidio

Engineering versatile biomaterial platforms for the localized delivery of genetic payloads

15:36 - 15:54

Alice Piccinini

From Nanoparticle Design to Membrane Model Mimicry: Lipidic Systems Probed by Innovative Scattering Technique

15:54 - 16:12

Saniya Salathia

Channeling the Flow: Microfluidics for Nanoparticle Optimisation

Closing Session

16:15 - 16:45

Final Discussion