

FIRST NATIONAL MEETING ON THE ITALIAN NATURAL PRODUCTS COLLECTION

UNIVERSITÀ DEGLI STUDI DI ROMA UNITELMA SAPIENZA
PIAZZA SASSARI 4, ROME, ITALY

18 DECEMBER
2025

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TO REGISTER!

ORGANIZERS:
PROF. FRANCESCA GHIRGA
PROF. ALBERTO MINASSI



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--- 9.15 OPENING REMARKS ---

FIRST SESSION (CHAIR: PROF. ANDREA CALCATERRA)



9:40- 10:00 PROF. CINZIA INGALLINA, SAPIENZA UNIVERSITÀ DI ROMA

Invited Lecture:

Listening to the Chemistry of Nature: NMR Metabolomics in the Discovery of Natural Products



10:00- 10:20 PROF. DANIELE PASSARELLA, UNIVERSITÀ DEGLI STUDI DI MILANO

The Shape of Nature: Exploring Structural Diversity in Natural Products



10:20- 10:40 PROF. ALBERTO MINASSI, UNIVERSITÀ DEL PIEMONTE ORIENTALE, NOVARA

From nature through the flask in search of new structural diversity



10:40- 11:00 PROF. STEFANO D'ERRICO, UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

Nature-inspired chemistry: modified nucleosides as sources of bioactive innovation

--- COFFEE BREAK ---

SECOND SESSION (CHAIR: PROF. DEBORAH QUAGLIO)



11:30- 11:50 PROF. MATTIA MORI, UNIVERSITÀ DI SIENA

Invited Lecture:

A Journey into the Natural Products Chemical Space of Hedgehog Pathway Inhibitors



11:50- 12:10 PROF. RAFFAELE SALADINO, UNIVERSITÀ DELLA TUSCIA

All synthetic ways lead to natural organic substances



12:10- 12:30 PROF. FRANCESCA GHIRGA, SAPIENZA UNIVERSITÀ DI ROMA

A Serendipitous Journey Through Natural Products: From Plants to Therapeutics



12:30- 12:50 PROF. VERA MUCCILLI, UNIVERSITÀ DEGLI STUDI DI CATANIA

"Chemical and Enzymatic Synthesis: A Roadmap to New Phenolic Structures from Natural Polyphenols

--- LUNCH BREAK ---

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THIRD SESSION (CHAIR: DR. SILVIA CAMMARONE)



14:10- 14:30 DR. STEFANO PARISOTTO, UNIVERSITÀ DEGLI STUDI DI TORINO

Strigolactones: phytohormones with promising biomedical applications



14:30- 14:50 PROF. ROBERTA TETA AND DR. GERMANA ESPOSITO,

UNIVERSITÀ DEGLI STUDI DI NAPOLI "FEDERICO II"

Bioprospecting: an interdisciplinary strategy
for natural products discovery



14:50- 15:20 PROF. GIOVANNI APPENDINO, UNIVERSITÀ DEL PIEMONTE ORIENTALE, NOVARA

Closing Remarks and Next Steps:
Natural products research: quo vadis?

15:30- 16:30 ROUND TABLE

Towards a Shared National Collection: Integration,
Data Management, and Future Perspectives

---20:00 SOCIAL DINNER ---



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