



CHIBIOFARAM

DIPARTIMENTO di
SCIENZE CHIMICHE,
BIOLOGICHE,
FARMACEUTICHE
ED AMBIENTALI



«Inflammatory-based diseases, neurodegeneration and metabolic disorders: from bench to the bedside»

University of Messina

Department of Chemical, Biological, Pharmaceutical and Environmental Sciences
Messina



Aula Magna «Vittorio Ricevuto»
22-23 January 2026

COMITATO SCIENTIFICO ED ORGANIZZATIVO:

Prof.ssa Irene Paterniti
Prof.ssa Adele Romano
Prof.ssa Cristina Travelli
Prof.ssa Elisabetta Panza

SEGRETERIA SCIENTIFICA LOCALE:

Prof.ssa Irene Paterniti
Prof.ssa Emanuela Esposito
Dott.ssa Giovanna Casili

The **workshop** explores inflammation as a central process in neurodegenerative diseases and metabolic disorders.

Its aim is to highlight scientific advancements that clarify these mechanisms and their potential to guide new diagnostic and therapeutic strategies in a translational context.



REGISTRATION FOR THE EVENT IS FREE!

ABSTRACT SUBMISSION

It is possible to submit a request for flash communication – short oral presentations lasting a maximum of 5 minutes - which will be selected based on the abstracts submitted by **January 10, 2026**.

Abstracts, written in **Arial 11** and with a maximum length of **1,500 characters including spaces**, must include the **title**, **authors** and **affiliations** in **bold** and should be sent to the addresses: *irene.paterniti@unime.it* and *giovanna.casili@unime.it*

22 January 2026
Aula Magna "Vittorio Ricevuto", Polo Papardo

09:00-09.20 *Registration and welcome reception*

9.20 *Introduction e greetings*

9:20-9:30: Introduction PRIN2020

Paterniti I (Romano A, Travelli C and Panza E)

09.30-10.00 Opening Lecture Fabrizio Gardoni

"Linking synaptic dysfunction and inflammation in early Parkinson's disease".

10:00-11:15 I Session of Oral Communication

"Neural Crosstalk in Neurodegeneration: From Molecular Mechanisms to Pharmacological Targets"

11.15-11.30 *Coffee break*

11:30-12:00 Lecture Landi Andrea

12:00-12.30 *Round table*

12:30-13:00 Lecture Perretti Mauro

"Resolution Pharmacology - a new approach to the management of chronic diseases"

13.00-14.30 *Lunch*

14.30-16.15 II Session of Oral Communication

"Metabolic Diseases: Molecular Insights and Pharmacological Perspectives"

15.45-16.15 *Round table*

16.15-16.30 *Coffee break*

16.30- 17.00: Lecture Thomas Lutz

"Gut hormones in the treatment of metabolic diseases"

17.00-19.00 *Poster session*

19:00 *Conclusions*

23 January 2026
Aula Magna "Vittorio Ricevuto", Polo Papardo

9:00-09.30 Lecture Nathalie Vergnolle

09:30-10:45 III Session of Oral Communication

"Inflammatory based diseases: Novel Therapeutic Strategies"

10.45-11-00 Coffee break

11.00-11.30 Lecture Matteoli Gianluca

"Enteric nervous system: an immunoregulatory gatekeeper in the gut"

11:30:13:15 IV Session of Oral Communication

"Inflammatory Pathologies: New Therapeutic Frontiers and Signal Network Dynamics"

12:45-13:15 Round table

13.15 Conclusions