



# «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**