



## UPDATES ON ALZHEIMER'S DISEASE AND DEGENERATIVE DISEASES: WHAT'S NEW?

*Academic year 2024/2025*

**3RD NOVEMBER 2024- 26TH NOVEMBER 2024**

*Responsible: prof. Maurizio Coronelli, Pavia University*

*Coordinator: prof. Giovanni Ricevuti, Pavia University*

1 CREDIT–MED/09

Dementia affects approximately 46 million people worldwide, a figure that the "World Alzheimer's Report 2015" estimates will reach 131.5 million by 2050. On 11 December 2013, the G8 leaders met in London at a historic summit to decide how to combat dementia, with the ambition of identifying by 2025 a cure or therapy that would substantially change the course of the disease.

With the contribution of lecturers and researchers in a plurality of fields, operating in the Universities and IRCCS of Pavia and the world will present the latest results of research on Alzheimer's disease, a neurodegenerative disease that causes a decline in memory and other important mental functions. An enormous effort is needed to identify the pathogenic mechanisms behind the disease and to evaluate new therapeutic approaches still under study. The lecturers of this course, well known in the scientific, clinical and academic world, have all the features and expertise to help both experts and first-time-seekers in the world of dementia understand the new advances in knowledge of the disease that they have produced over the last few years of research and the new approaches that they derive their research. Their reports will be very useful to students, professionals and family members of patients suffering from Alzheimer's to see with new eyes this disease that never affects only one patient but destroys in the true sense of the word an entire family.

Worldwide, in September, the World Alzheimer's Day is celebrated to draw everyone's attention to this disease which is much more widespread than cancers and heart diseases and from which no cure has yet been found.

This course aims to provide knowledge and support for "those who have nothing" and their families, and to recognize researchers who dedicate their lives to studying the disease in order to find a possible cure. The course becomes important for all students in the health field and for those who will work in the future on the territory, in hospitals and research centers or in pharmaceutical industries.

### **Location and Timetable.**

**Main Lecture Hall – Collegio Nuovo** 3 November 2024 (6-7.30 pm)

**Teaching Room POLO DELLASALUTE San Matteo Hospital** - 13, 19, 26 November 2024 (6-7.30 pm)

To participate, students must pre-register by 29th October 2024 on the Collegio Nuovo website and put the course in their study plan

<https://forms.gle/GaaLxfpDpkdhHqEy5>

The course is accredited for students enrolled in the sixth year. The accreditation will be carried out in compliance with the rules of the Faculty of Medicine and Surgery to which reference is made and if participation can be found at least three out of four meetings. Meetings are held only on site.

## **PROGRAM**

**Sunday 3rd November 2024** (6-7.30 pm) Aula Scarpa, UniPV



### **ALZHEIMER REVOLUTION: WHAT'S NEW FOR ALZHEIMER DISEASE?**

**Maria Teresa Ferretti**

External Teacher - Medical University di Vienna, Austria  
Syntropic Medical (neuromodulatory solutions for mental health), Austria  
External Researcher - Karolinska University Institut, Stockholm  
Founder of the NPO "Women's Brain Project" – Zurich

**Wednesday 13th Nov 2024** (6-7.30 pm) Teaching Room POLO DELLASALUTE San Matteo Hospital



### **SYNTHETIC ANALOGUES OF BRAIN NEUROMELANIN. PERSPECTIVES AND APPLICATIONS**

**Luigi Casella**

Chemistry Department – Pavia University

**Tuesday, 19th November 2024** (6-7.30 pm) Teaching Room POLO DELLASALUTE San Matteo Hospital



### **ELDERLY WITH DEMENTIA AND ALZHEIMER'S IN EMERGENCY DEPARTMENT: WHAT TO DO AND WHAT NOT TO DO AND HOW TO MANAGE IT**

**Renzo Rozzini**

Department of Geriatrics - SubIntensive Care Unit - Acute Geriatrics Unit - Subacute Activity Unit  
Fondazione Poliambulanza – Hospital Institute – Brescia

**Tuesday, 26th November 2024** (6-7.30 pm) Teaching Room POLO DELLASALUTE San Matteo Hospital



### **PREVENTING DEMENTIA FROM BIOLOGY TO POLICY**

**Patrizia Mecocci**

Full Professor of Gerontology and Geriatrics, University of Perugia  
Director Complex Structure of Geriatrics, Perugia Hospital  
Foreign Adjunct Professor in Translational Geriatrics - Karolinska University Institut, Stockholm

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*Cultural and academic activities, [relest.collegionuovo@unipv.it](mailto:relest.collegionuovo@unipv.it)*

Please register here by October 29th 2024: <https://forms.gle/GaaLxfgDpkdhHqEy5>