



### **Dr. Patrizia Ballerini,**

Patrizia Ballerini is Associate Professor of Pharmacology at the Department of Innovative Technologies in Medicine and Dentistry and “Center for Advanced Studies and Technology -CAST”, G. d'Annunzio University of Chieti-Pescara. She holds Degree in Medicine, Specialization in Rheumatology, II level Master Degree in “Drug regulatory sciences” at University of Chieti-Pescara and habilitation to full professor of pharmacology.

#### **Research activities and publications**

Her research expertise covers the fields of: i) the role of natural and synthetic purines as well as their derivatives in modulating neuroprotective and/or neurodegenerative mechanisms in *in vitro* and *in vivo* models; ii) the role of human mesenchymal stem cells as potential innovative therapeutic strategy in neurological diseases and as tools for drugs and/or xenobiotic toxicity; iii) identification of novel molecular targets, biomarkers and therapeutic approaches useful in the control of tumorigenesis and metastasis. Her current research interests include also the biological effects of pollutants such as ozone and particulate matter on different cell models. She is member of the collegium of the PhD course “Science and technology for sustainable development”, School of Advanced Studies, G. d'Annunzio University.

She is co-author of 85 papers in peer-reviewed journals, of several chapters in Pharmacology Books and co-inventor of “G-protein coupled receptor 22 transformed cell lines and uses therefor” (WO2015161369(A1)-patent).

She is reviewer for several international peer-reviewed journals and associate editor of *Frontiers in Inflammation Pharmacology* and *Frontiers in Neuroscience/Neurodegeneration* and component of the Editorial Board of *International Journal of Molecular Sciences*.

She has been (2016) Member of the Advisory Board on “Efficacy and safety of Eliglustat in clinical practice

She is member of the Italian Society of Pharmacology participating in Italian Government, pharmaceutical companies and patient organisations funded projects (e.g. Cystic Fibrosis Research Foundation, AIRC, Merk-Serono, Sanofi Genzyme, FAR).

#### **Teaching activities**

She is professor of Pharmacology in several courses at the University of Chieti-Pescara including Courses of Specialization and Masters of the Medical School.

She is the coordinator of two Master courses for health care professions.

#### **Intra-institutional and extra-institutional responsibilities**

She is Expert evaluator for The Italian National Agency for the Evaluation of Universities and Research Institutes (ANVUR), Member of the Team of Quality in TACEESM-Erasmus+ KA2 project-2020, Member of the Team of Quality of the University of Chieti-Pescara, Member of the Team of Quality of the Leonardo da Vinci telematic University, Member of Administrative Board - ADSU of Chieti-Pescara (the Right to University Education Body of Chieti-Pescara) (2016-2019), Member of the Teaching Staff-International Tempus Project No. 543801-UKTEMPUS- JPGR (2014), Member of the Teaching Staff-International Tempus Project 544188-TEMPUS--XK-TEMPUSJPCR (2015) Delegate of the Rector to CISIA-Interuniversity consortium integrated access systems (2014).

