

# FRANCESCA BOSCO

Researcher (RTDa)

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Catanzaro, Italy

## EDUCATION:

December 2024

Specialization in Clinical Pharmacology and Toxicology with an experimental thesis entitled 'Effects of Vasostatin-1 in an animal model of idiopathic autism', "Magna Graecia" University of Catanzaro.

April 2019

PhD in Life Sciences with a thesis entitled 'New insights into muscle atrophy: exploring the relationship between muscle and bone', "Magna Graecia" University of Catanzaro.

December 2015

Habilitation to practice as pharmacist, "Magna Graecia" University of Catanzaro.

October 2015

Degree in Pharmacy with a thesis in pharmacology entitled 'Role of melatonin in algogenic reactivity', "Magna Graecia" University of Catanzaro.

## EXPERIENCE:

October 2023 – ongoing

Researcher BIOS/11 A (ex BIO/14) Pharmacology, Department of Health Sciences "Magna Graecia" University of Catanzaro

February 2019 - June 2023

Research fellow, Pharmacology Laboratory, Institute of Research for Food Safety and Health (IRCFSH), Department of Health Sciences, University "Magna Graecia" of Catanzaro.

Scientific interests have been mainly directed towards research in the field of neurological pathophysiology with a pharmacological and nutraceutical approach to treating pathologies in this area. The results of his research have been the subject of numerous invited communications at national and international congresses.

Scopus source (as of December 2024): publications=65; citations=1685; h-index=23;

## Teaching Activity

Master's Degree course in Medicine and Surgery. Teaching Pharmacology.

Master's Degree course in Molecular Biotechnology for Personalized Medicine. Teaching Pharmacology in the I.C. of Molecular Pharmacology, Development and Testing of Innovative Drugs.

Master's Degree course in Health Professions. Teaching Pharmacology in the I.C. of Medical-Surgical Sciences.

## RESEARCH TOPICS

Neuropharmacology

Pharmacology, and  
physiopathology of Epilepsy and  
Epileptogenesis.

Comorbidity of Epilepsy with  
neuropsychiatric diseases.

Pharmacovigilance

## PROFESSIONAL AFFILIATIONS

Member of Scientific Societies:  
SIF (Italian Society of  
Pharmacology.

## RESEARCH SKILLS:

Basic research in the field of  
neuropharmacology using  
various experimental animal  
models of neurological and  
psychiatric disorders  
(pharmacology and  
pathophysiology of epilepsy  
and its comorbidities, autism,  
CNS neurodegenerative  
disorders, depression, muscular  
atrophy).

Cellular and molecular  
techniques

Clinical research and  
Pharmacovigilance