

Ph.D. course	NEUROSCIENCE (INTERNATIONAL)
Cycle	XXXVI
Scientific area	Medicine and surgery
Duration	3 years
Department	Department of Biomedical and Biotechnological Science
Department website	http://biometec.unict.it/
Ph.D. Course Coordinator	Prof. Claudio Bucolo
Partner Institution(s)	University of Bordeaux (France)
Research themes	Neuropsychopharmacology (preclinical models of addiction, depression schizophrenia, dopaminergic system) Ocular pharmacology (preclinical models, in vitro and in vivo, of retinopathy, preclinical models of glaucoma) Pharmacological approaches to the stroke and pathophysiology of cerebral circulation Biological basis of neurodegenerative diseases Innovative drug delivery systems (e.g. nanoparticle) and CNS drug delivery systems Stem cells and cell differentiation to natural type Clinical neuroscience of neurodegenerative diseases Primary SNC cancers
Available places	1) Places with scholarship financed by the University of Catania: 4 2) Places without scholarship: 1 TOTAL: 5
Selection procedure	1) Evaluation of qualifications; 2) Oral examination Candidates living abroad can take the oral interview in the form of videoconference interview
Date, place, format and language of the oral interview	Date: September 22 2020, h. 9,00 (9,00 am Italian Time) Place: Torre Biologica, Via S. Sofia 97, Catania Format: - Dissertation on the research project - General knowledge of the themes of the candidate's degree and/or the themes related to the Ph.D. course Language: English