

Short CV Caterina Morabito (cmorabit@unich.it)**Researcher unique identifier: 0000-0002-5144-2584**

Caterina Morabito obtained the PhD in Muscle Pathophysiology at the University "G. d'Annunzio" of Chieti-Pescara. PhD-thesis title: "Use of synthetic peptides for the study of cellular interactions mediated by N-CAM in neuronal and muscle models".

Her research activity is mainly divided into the following topics:

- Study of the effects of chemical (growth factors, hormones, natural extracts) or environmental stimuli (low frequency electromagnetic fields, microgravity) in cellular models of nervous and muscular origin.
- In vitro studies on lymphocytes isolated from peripheral blood, and used as biosensors of the body's responses to particular environmental conditions (hypobaria, hyperbaria, hypoxia).
- Functional characterization of stem cells derived from adult tissues and amniotic fluid

She is qualified in biochemical, morphological and functional experimental approaches, with particular focus on signal transduction mediated by intracellular calcium, and to the oxidative/metabolic state of the cells.

Peer-Reviewed Publications (total):

Full list at the link : <https://ricerca.unich.it/cris/rp/details.htm?lt=ugovIDAB&lv=1210>