



Amélia M. Silva (AMSilva), has a PhD in Biochemistry, is Assistant Professor at the Department of Biology and Environment, University of Trás-os-Montes and Alto Douro and is Integrated Researcher at Centre for the Research and Technology of Agro-Environmental and Biological Sciences (CITAB). AMSilva is the head of Cell Biology and Biochemistry (CITAB) group and is co-responsible of CITAB's research line "Food Composition and Health Effects".

SCIENTIFIC PRODUCTION: AMSilva current research interest is focused on the role of natural bioactives (as polyphenols and terpenes extracted from foods) on cellular functions, such as modulation of cell survival, stress defense enzyme system and on the use of nanotechnology to encapsulate these (and other) compounds for protection and delivery improvement. AMSilva has 60 JCR publications, Scopus H-factor = 15 (Scopus Author ID: 35578752300). Journals include Journal of Physiology (London), Biotechnology Advances, Journal of Biomedical Nanotechnology, International Journal of Pharmaceutics, European Journal of Medicinal Chemistry. AMSilva has also authored/co-authored 11 book chapters, 8 articles in non-JCR journals, and more than 150 communications in national and international meetings.

RESEARCH GROUP: AMSilva's research team is composed by 4 PhD students, 5 Master students, 2 PhD researchers and 2 visiting students from Spain.

TRAINING: AMSilva has already supervised 2 PhD, 20 Master students and has teaching activity in the AgriChains Doctoral program, GMCT Doctoral course, in several Master and undergraduate courses mainly from the Department of Biology and Environment.

FUNDING IMPACT: AMSilva has participated on several projects that, since 2010 brought more than two million Euros in competitive funding from QREN, Norte-FEDER and FCT.

INTERNATIONALIZATION: AMSilva collaborates with several research groups' worldwide (US, Spain, Brazil, Italy), and has been acting as reviewer for top journals in the area of cell biology, pharmaceutics & pharmacology; toxicology, nanotechnology.