

UTAD Research Team Short Curriculum Vitae

Name: Ana Paula Silva

Position in UTAD: Associate Professor, CITAB-UTAD

Qualifications: Associate Professor with Aggregation since March 2007. PhD by UTAD on Agronomy/Physiology Nut Fruits (UTAD, Vila Real, Portugal, 1999); Master degree on General Fruit Science (UTAD, 1991)

Areas of Expertise: The main research activities related to phenolic profiles and antioxidant activities and fruit quality of cherries, hazelnuts and chestnuts; Project Coordinator (EU, Agri Gen Res); Project Collaborator (FCT and QREN).

Professional Activitie: As a member of the Department of Agronomy, School of Agricultural Sciences and Veterinary, is teacher and is responsible for several 1st and 2nd Cycles curricular units of Agronomy, Food Science, Food Safety, Enology and Landscape Architecture. Orientation of several traineeship works of bachelor students (pre-Bologna), master and PhD students.

Participated in numerous boards of academic proofs, academic evaluations, and equivalence assessment at UTAD and other higher education institutions. Participated in several university management functions at UTAD, namely: Vice - coordinator of Plant Science and Agricultural Engineering Department (1999-2005) and Vice-Director of Agronomy Department (2009-2012), Vice-coordinator of the Bachelor's Degree in Agricultural Engineering (PreBologna) (2000-2003), Coordinator of the Bachelor's Degree in Agricultural Engineering (Pre Bologna) (2000-2003), Vice -coordinator of the Bachelor's Degree in Landscape Architecture (2007) , member of Coordination Committee of the Bachelor in Food Science (2007) , Vice - President of Educational Commission of the Area of Agricultural Sciences (2003-2005). Elected member of the General Assembly (2009-2013) and of the Scientific Advisory Board (since 2013) of the School of Agricultural and Veterinary Sciences. Member of the Commission assessment of courses in the field of Agricultural Engineering of the Agency for Assessment and Accreditation of Higher Education - A3ES (2012). Actually is Pro-Rector for Quality Management at UTAD.

I&D. Collaboration with other academic institutions in the country (Faculty of Pharmacy, University of Porto) and abroad (Wageningen, Oviedo). Member of Centre for the Research and Technology Agro - Environmental and Biological Sciences (CITAB). Main researcher at UTAD of the Project European Agri Gen Res 2007-2010 and three national projects (Agro, PAMAF). As a researcher, participates or participated in twenty R&D funded projects.

Has authored or co-authored over a hundred scientific publications, among these published articles in specialized journals, papers in proceedings, books and chapters, elevated numbers of technical-scientific studies and informational papers on the following themes: Nuts, Fruits Quality, Floral biology of fruit crops, Plant physiology, Adaptation of blueberries cultivars. Author / coauthor of communications at congresses and national and international congresses and symposiums. Member of Scientific and Organizing Boards of national and international congresses and symposiums. Member of National and International scientific associations and has been a referee in ten scientific journals of JCR.

Represent UTAD in COTHN (Centro Operativo e Tecnológico Hortofrutícola Nacional) since 2006 and, actually, belong to the Scientific Council of Portugal Foods and to the AET of Technology Center of olive oil. Was secretary of the General Assembly of the Associação Portuguesa de Horticultura (2006-2008) and in the Portuguese Society of Agricultural Sciences (SCAP-2013).

Belongs to the Scientific Committee of doctoral program "Agricultural Production Chains - from farm to fork".

Publications (Total)

SCI: 35

Proceedings: 70

Books/Book Chapters: 4/2

5 Papers Relevant for this Project

Correia, S.; Schouten, R.; Silva, A.P.; Gonçalves, B. (2018). Sweet cherry fruit cracking mechanisms and prevention strategies: A review. *Scientia Horticulturae* 240, 369–377. doi:10.1016/j.scienta.2018.06.042.

Correia, S.; Schouten, R.; Silva, A.P.; Gonçalves, B. (2017). Factors affecting quality and health promoting compounds during growth and postharvest life of sweet cherry (*Prunus avium* L.). *Frontiers Plant Science*

A. P. Silva, Oliveira M. E. Silva C. M. Guedes O. Borges B. Magalhães B. Gonçalves Correia, S.; Gonçalves, B.; Aires, A.; Silva, A.; Ferreira, L.; Carvalho, R.; Fernandes, H.; Freitas, C.; Carnide, V.; Silva, A. P. (2016). Effect of harvest year and altitude on nutritional and biometric characteristics of blueberry cultivars. *Journal of Chemistry*; 1-12. doi:10.1155/2016/8648609.

L. Bacchetta · M. Rovira · C. Tronci · M. Aramini · P. Drogoudi · A. P. Silva. A. Solar · D. Avanzato · R. Botta · N. Valentini · P. Boccacci. 2014. A multidisciplinary approach to enhance the conservation and use of hazelnut *Corylus avellana* L. genetic resources. *Genet Resour Crop Evol* DOI 10.1007/s10722-014-0173-7

S. Martins, F. Simões, J. Matos, A. P. Silva, V. Carnide. 2014. Genetic relationship among wild, landraces and cultivars of hazelnut (*Corylus avellana*) from Portugal revealed through ISSR and AFLP markers. *Plant Systematics and Evolution*, May 2014, volume 300, issue 5, pp 1035-1046.

Boccacci, P.; Aramini, M.; Valentini, N.; Bacchetta L.; Rovira, M. Drogoudi, P.; Silva, A.P.; Solar A.; Calizzano, F.; Erdogan, V.; Cristofori, V.; Ciarmiello, L.F.; Contessa, C.; Ferreira, J.J.; Marra, F.P; Botta . 2013. Molecular and morphological diversity of on-farm hazelnut (*Corylus avellana* L.) landraces from southern Europe and their role in the origin and diffusion of cultivated germplasm. *Tree Genetics & Genoms*. DOI 10.1007/s11295-013-0651-7.
