***Curriculum Vitae***

**MARIA LUISA LOURO MARTINS**

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Assistant Professor at Instituto Superior de Agronomia, Universidade de Lisboa, Departamento de Ciências e Engenharia de Biossistemas.

Member of the Research Unit LEAF at ISA

1998: PhD Engenharia Agro-Industrial pelo Instituto Superior de Agronomia da Universidade Técnica de Lisboa

1992: Master in Ciência e Tecnologia dos Alimentos, Universidade Técnica de Lisboa

1986: Licenciatura Engenharia Agro-Industrial at Instituto Superior de Agronomia, Universidade Técnica de Lisboa

**Scientific IDs:**

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Scopus Author ID: [12040426900](http://www.scopus.com/inward/authorDetails.url?authorID=12040426900&partnerID=MN8TOARS)

Web of Science Researcher ID: [AAC-4595-2020](https://publons.com/researcher/AAC-4595-2020/)

CIÊNCIA ID: 7F10-BFC2-B476

**Administrative positions at ISA:** Since june 2018: Secretary of the Conselho Cientifico; 2011-2018: Vice-President; 2007-2009: President of the Conselho Pedagógico; 2009-2011: Member of the Conselho Pedagógico; Member of the Licenciatura, Masters and Doctoral Program Commission of Food Engineering.

**Courses lectured:** Coordinator of the following courses in ISA: Organic chemistry and biochemistry; Chemistry and biochemistry of foods; Biochemistry and microbiology of foods.

Participation in the following courses: Lab techniques in chemistry and biochemistry (ISA); Health Labs (Universidade de Lisboa).

**Research interests:** Abiotic stress biochemistry, plant response to oxidative stress caused by potentially toxic substances, Heavy metal phytotoxicity, plant contamination, food safety.

**Participation in research projects:** 2018, ongoing: research in the project PTDC/ASP-PLA/28350/2017 “SafeGrains-Contaminação de cereais e derivados armazenados por pragas de insectos e fungos”, financiamento Fundação para a Ciência e a Tecnologia.

2013-2015: Researcher in the project “Biodisponibilidade e transferência de nanopartículas metálicas na cadeia alimentar terrestre”.

2010-2013: Researcher in the project PTDC/AGR-AAM/102821/2008 “Resposta de plantas a toxicidade de elementos vestigiais: mecanismos celulares de tolerância”.

2006-2009: Researcher in the project POCI/AMB/55312/2004 “Transferência solo/planta de elementos vestigiais. Um estudo de fitorremediação.”

2004-2007: Researcher in the project POCTI/AGG/46559/2002 “Métodos bioquímicos e químicos na previsão da mineralização de azoto e armazenamento de carbono em resíduos orgânicos aplicados ao solo”.

2004-2008: Principal Investigator in the project POCTI/AGG/44895/2002 “Efeito do excesso de cobre em plantas de tomate”.

**Supervisor experience:** ongoing PhDs (2), concluded PhDs (3), over 30 Masters since 2009. **Participation** in 5 PhD defenses and over 30 masters defenses, as Chair and as Juror.

**Conferences:** Over 80 oral and poster presentations in national and international scientific meetings.

**Indice Scopus: 32 publications, 521 citations, index h 14 (accessed on 08/Sept/2020)**

**Relevant publication for the project:**

-Filipa R. Pinto, Miguel P. Mourato, Joana R. Sales, David Fangueiro & Luísa Louro Martins (2020) Effect of Cattle Slurry on the Growth of Spinach Plants in Cd Contaminated Soil, Communications in Soil Science and Plant Analysis, 51:10, 1370-1381 (doi: 10.1080/00103624.2020.1781156)

-Moreira, I.N, Martins, L.L., Mourato, M.P. (2020) Effect of Cd, Cr, Cu, Mn, Ni, Pb and Zn on seed germination and seedling growth of two lettuce cultivars (Lactuca sativa L.)" Plant Physiology Reports, in press (doi: 10.1007/s40502-020-00509-5)

-Afonso, C., Bernardo, I., Bandarra, N. M., Martins, L.L. & Cardoso, C. (2019) The Implications of Following Dietary Advice Regarding Fish Consumption Frequency and Meal Size for the Benefit (EPA+DHA and Se) versus Risk (MeHg) Assessment. International Journal of Food Sciences and Nutrition, 70, 5 (doi:10.1080/09637486.2018.1551334)

-Cardoso, C., Bernardo, I., Bandarra, N. M., Louro Martins, L., & Afonso, C. (2018) Portuguese preschool children: Benefit (EPA+DHA and Se) and risk (MeHg) assessment through the consumption of selected fish species. Food Chem Toxicol, 115, 306-314 (doi:10.1016/j.fct.2018.03.022)

-Sofo, A., Moreira, I., Gattullo, C. E., Martins, L. L., & Mourato, M. (2018) Antioxidant responses of edible and model plant species subjected to subtoxic zinc concentrations. *Journal of Trace Elements in Medicine and Biology*, 49, 261-268 ([doi.org/10.1016/j.jtemb.2018.02.010](https://doi.org/10.1016/j.jtemb.2018.02.010))

-Reis, R. A., Keunen, E., Mourato, M. P., Martins, L. L., Vangronsveld, J., & Cuypers, A. (2018) Accession-specific life strategies affect responses in leaves of Arabidopsis thaliana plants exposed to excess Cu and Cd. *Journal of Plant Physiology*, 223, 37-46 (doi:10.1016/j.jplph.2018.01.008)