

Patrícia Alexandra Reis Nunes Cabrita

Birth place and date: Faro 05-08-1974

Nationality: Portuguese



Patrícia Alexandra Reis Nunes Cabrita, got her Higher Diploma in Chemical Engineering from *Instituto Superior Técnico* of the *Technical University of Lisbon* (1997) and a Master of Biotechnology (Biochemical Engineering) from *Superior Técnico* of the *Technical University of Lisbon* (2001). Currently, she is doing experimental work in order to obtain a Ph.D. in Agro-Industrial Engineering from *Instituto Superior de Agronomia (ISA)* of the *Technical University of Lisbon*.

She is a Professor in Instituto Superior de Engenharia (ISE), former Escola Superior de Tecnologia (EST) of University of Algarve where she belongs to the faculty staff since 2000. She has lectured Thermodynamics, Physics, Chemistry and Environmental Protection to the Food Engineering course and Industrial Microbiology and Water and Environmental to the Master Degree in Food Technology, in the Food Engineering Department at the Superior Institute of Engineering of University of Algarve. She is a member of the Portuguese Engineering Association.

Her scientific interests are in the area of Food Engineering. Her scientific work is on the production of structured lipids with dietetic properties catalyzed by immobilized lipases. She was a collaborator of the Center for Agro-Food ISA (2006-2008) and since 2008 is a collaborator of the Food and Feed Engineering Unit of the Center for the Study of Rural Engineering - Biosystems Engineering from ISA.

Publications

Nunes, P. A., Pires-Cabral, P., Guillén, M., Valero, F. and Ferreira-Dias, S. (2009) "Production of Low Caloric Structured Lipids Containing Medium Chain Fatty Acids, Catalyzed by Immobilized Heterologous *Rhizopus oryzae* Lipase", *New Biotechnology*, 25, Supplement 1, page S111. ([doi:10.1016/j.nbt.2009.06.391](https://doi.org/10.1016/j.nbt.2009.06.391))

Pires-Cabral, P., **Nunes, P.A.** and Ferreira-Dias, S. (2008) "Synthesis of low caloric structured lipids by lipase-catalysed interesterification of olive oil with caprylic acid", *Journal of Biotechnology*, 136, Supplement 1, page S736. ([doi:10.1016/j.jbiotec.2008.07.1753](https://doi.org/10.1016/j.jbiotec.2008.07.1753))

Elandalloussi, L.M., Rodrigues, P.M., Afonso, R.M., Leite, R.B., **Nunes, P.A.** and Cancela, M.L. (2005) "Skikimate and folate pathways in protozoan parasite *Perkinsus olseni* " *Molecular & Biochemical Parasitology* 142 , 106-109. ([doi:10.1016/j.molbiopara.2005.03.014](https://doi.org/10.1016/j.molbiopara.2005.03.014))

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Patrícia Alexandra Reis Nunes Cabrita, licenciou-se em Engenharia Química (Ramo de Biotecnologia) pelo *Instituto Superior Técnico da Universidade Técnica de Lisboa* (1997). Obteve o grau de Mestre em Biotecnologia – Engenharia Bioquímica pelo *Instituto Superior Técnico da Universidade Técnica de Lisboa* (2001). Actualmente encontra-se a realizar trabalho experimental com vista à obtenção do grau de doutor em Engenharia Agro-Industrial pelo Instituto Superior de Agronomia da Universidade Técnica de Lisboa.

É professora no Instituto Superior de Engenharia (ISE), antiga Escola Superior de Tecnologia (EST) da Universidade do Algarve, onde é docente desde 2000. Leccionou as disciplinas de Termodinâmica, Física, Química ao curso de Engenharia Alimentar. Actualmente lecciona a disciplina de Protecção Ambiental ao curso de Engenharia Alimentar e as disciplinas de Microbiologia Industrial e Água e Ambiente ao Mestrado em Tecnologia de Alimentos no Departamento de Engenharia Alimentar no Instituto Superior de Engenharia da Universidade do Algarve. É membro efectivo do Colégio de Química da Ordem dos Engenheiros.

Tem desenvolvido trabalho de investigação na área da Engenharia Alimentar, nomeadamente na área da biocatálise com o objectivo de produzir óleos e gorduras com propriedades nutraceuticas através da utilização de lipases imobilizadas. Colaborou com o Centro de Estudos Agro-Alimentares do ISA entre 2006 e 2008 e colabora desde 2008 com o Centro de Estudos de Engenharia Rural (CEER) – Biosystems Engineering do ISA.

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