

Personal information

FERREIRA-DIAS Suzana

E-mail

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Position

Assistant Professor with Habilitation in Agro-Industrial Engineering, Technical University of Lisbon, Portugal

Academic Degrees

2004 Habilitation, Technical University of Lisbon-ISA, Portugal

1994 PhD in Agro-Industrial Engineering, Technical University of Lisbon, ISA, Portugal

1989 MSc in Biotechnology (Biochemical Engineering), Technical University of Lisbon, IST, Portugal

1984 Graduation in Agro-Industrial Engineering, Technical University of Lisbon-ISA, Portugal

Professional experience

1998-2001: Coordinator of the Master in Food Science and Engineering, Technical University of Lisbon

1985 till now: Teacher of Food Engineering, Technical University of Lisbon-ISA, Portugal

Teaching

Study program in Food Science Engineering (1 st Cycle), Technical University of Lisbon-ISA, Lisbon, Portugal

Lectures : Transport Phenomena
Unit Operations
Physics
Food Technology II

Master in Food Engineering, Technical University of Lisbon-ISA, Lisbon, Portugal

Lectures : Quality Control Evaluation

Master in Oliviculture, Olive Oil and Table Olives, Technical University of Lisbon-ISA, Lisbon, Portugal

Lectures : Experimental Design and Data Analysis

Master in Viticulture and Enology, Universities of Lisbon and Oporto with Viticulture and Enology Research Station, Lisbon, Portugal

Lectures : Statistics and Experimental Design

Research : 5 selected recent publications

Pires, A.S., Osório, N.M., Nascimento, A.C., van Keulen, F., da Fonseca, M.M.R., **Ferreira-Dias, S.** (2008) Pattern-Recognition of lipase-catalysed or chemically-interesterified fat blends containing omega-3 polyunsaturated fatty acids, *Eur. J. Lipid Sci. Tech.* **110**: 893-904.

Aragon, C.C., **Ferreira-Dias, S.**, Gattás, E.A.L., Peres, M.F.S. (2008) Characterization of glycerol kinase from baker's yeast: Response surface modeling of the enzymatic reaction, *J. Mol Catal- B Enzymatic*, **52-53**: 113-120.

Pires-Cabral, P., da Fonseca, M.M.R.; **Ferreira-Dias, S.** (2007) Modelling the Production of Ethyl Butyrate Catalysed by *Candida rugosa* Lipase Immobilised in Polyurethane Foams, *Biochem.Eng.J.*, **33**: 148-158.

Silva, J.P., Sousa, S.; Gonçalves, I.C., Porter, J.J., **Ferreira-Dias, S.** (2004), Modelling adsorption of Acid Orange 7 dye in aqueous solutions to spent brewery grains, *Sep. Purif. Technol.*, **40**: 163-170.

Ferreira-Dias, S., Valente, D.G., Abreu, J.M.F. (2003), Pattern recognition of acorns from different *Quercus* species based on oil content and fatty acid profile, *Grasas y Aceites*, **54** (4) 384-391.

Memberships

Peer reviewing : *Appl Biochem. Biotechnol*; *Appl. Microb. Biotechnol.*; *Bioresource Technol.*; *Biotechnol. Progr*; *Electronic J. Biotechnol.*; *Enzyme Microb Technol*; *Eur J. Lipid Sci Technol*; *Food Sci. Technol Int.*; *Food Technol. Biotechnol*; *Ind Eng Chem Res*; *J Agric Food Chem*; *J Chem Technol Biotechnol*; *J Food Eng*; *J. Haz. Mat.*; *J. Molecular Catal B- Enzym*; *J Molecular Struct: THEOCHEM*; *J. Am. Oil Chem. Soc.*; *J. Sci. Food Agric.*; *LWT - Food Sci. Technol.*; *Sep Purif. Technol.*

Scientific Societies :

Associação para o Desenvolvimento do ISA (ADISA)

Ordem dos Engenheiros