

BIOGRAPHY

05/03/2012



Title and name

Dr. Maria de Fátima Poças

Nationality

Portuguese

Panel

CEF – Food Contact Materials, Enzymes, Flavourings and Processing Aids.

Education

BSc (5 years) in Chemical Engineering, 1988, Faculty of Engineering, Porto University

MSc in Packaging, 1995, School of Packaging, Michigan State University

MSc equivalence in Food Science and Engineering, 1995, Catholic University of Portugal

PhD in Biotechnology Food Science & Engineering, 2009 , Catholic University of Portugal

Scientific and risk assessment experience

Food packaging science and technology

Evaluation of materials/systems performance and safety

Mass transfer processes applied to packaging

Mathematical modelling of mass transfer processes

Chemical hazards from packaging systems

Assessment of exposure to migrants from packaging

Main scientific publications

Articles in international peer reviewed journals, conference proceedings and book chapters in the areas of food packaging technology and safety. Ten examples of papers:

Ramos, O. S.; Silva, S. I.; Soares, J. C.; Fernandes, J. C.; Poças, M. F.; Pintado, M. E.; Malcata, F. X. 2012. Features and performance of edible films, obtained from whey protein isolate formulated with antimicrobial compounds. Food Research International, 45 (1), 351-361.

Poças, M.F.F.; Oliveira, J.C.; Pereira, J.; Brandsch, R.; Hogg, T. 2011. Modelling migration from paper

into a food simulant. *Food Control*, 22, 303-312.

Poças, M.F.F.; Oliveira, J.C.; Brandsch, R.; Hogg, T. Analysis of mathematical models to describe the migration of additives from packaging plastics into foods. *Journal of Food Engineering* (in press) DOI10.1111/j.1745-4530.2010.00612.x.

Fradique, S.; Hogg, T.; Pereira, J.; Poças, M.F.F. 2010. Performance of wine bag-in-box during storage: loss of oxygen barrier. Special Issue of the *Italian Journal of Food Science*. Ed. Cristina Nerín & Jesús Salafranca ISSN 1120-1770. SLIM2010, Shelf Life International Meeting” GSICA and Aragón Institute of Engineering Research of the University of Zaragoza, Zaragoza, pp 11-16.

Poças, M.F.F.; Oliveira, J.C.; Pereira, J.; Hogg, T. 2010. Consumer exposure to phthalates from paper packaging: an integrated approach, *Food Additives and Contaminants: Part A*, 27 (10), 1451 – 1459.

Poças, M.F.F.; Oliveira, J.C.; Brandsch, R.; Hogg, T. 2010. Feasibility Study on the Use of Probabilistic Migration Modeling in Support of Exposure Assessment from Food Contact Materials. *Risk Analysis*, 30 (7), 1052–1061.

Poças, M.F.F.; Ferreira, B.; Pereira, J.; Hogg, T. 2010. Measurement of oxygen transmission rate through foamed materials for bottle closures. *Packaging Technology & Science*, 23 (1), 27-33.

Poças, M.F.F.; Oliveira, J.C.; Pinto, H.J.; Zacarias, M.E.; Hogg, T. 2009.Characterization of Patterns of Food Packaging Usage in Portuguese Homes. *Food Additives and Contaminants*, 26 (9), 1314–1324.

Poças, M.F.F.; Oliveira, J.; Oliveira, F.A.R., Hogg, T. 2008. A Critical Survey of Predictive Mathematical Models for Migration from Packaging. *Critical Reviews in Food Science and Nutrition*, 48 (10), 913-928.

Poças, M.F.; Hogg, T. 2007. Exposure assessment of chemicals from packaging materials in foods: A Review. *Trends in Food Science and Technology*.18, 219-230.