

BIOGRAPHY

20/05/2010



Title and name

Dr. Maria Rosaria MILANA

Nationality

Italian

Panel

CEF - Food contact materials, enzymes, flavourings and processing aids.

Education

Doctor cum laude in Chemistry and Farmaceutical Technologies, 1980, University of Rome "La Sapienza"

Doctor cum laude in Pharmacy, 1982, University of Rome "La Sapienza"

Scientific and risk assessment experience

The main field of experimental research of MRM is food contact materials, with special consideration of:

1. interaction between materials and articles for food contact with foods and food simulants
2. analytical methods to determine migration of substances into foods and food simulants
- 3. recycling of plastics to produce new food contact materials and articles
- 4. modelling of migration from plastic materials to foods

Experience in the evaluation of physicochemical, compositional, migrational properties of substances and materials in contact with foodstuffs for the purpose of the exposure characterization and in chemical risk assessment in general.

Main scientific publications

Main areas of publication include analytical chemistry, migrations, recycling and modelling as exemplified by the following 10 publications:

1. Begley T., Castle L., Feigenbaum A., Franz R., Hinrichs K., Lickly T., Mercea P., Milana M.R., O'Brien A., Rebre S., Rijk R., Piringer O. (2005) Evaluation of migration models that might be used in support of regulations for food-contact plastics, Food Additives and Contaminants, 22(1): 73–90
2. Incarnato L., Scarfato P., Acierno D., Milana M.R., Feliciani R. (2003) Influence of recycling and contamination on structure and transport properties of polypropylene Journal Applied Polymer Science, 89, 1768-1778

3. Incarnato L., Scarfato P., Milana M.R., Feliciani R., Acierno D. (2000) Migrational Behaviour Of Food Grade PP, Journal Polymer Engineering, 20, 2, 121-141
4. Milana , M.R., Denaro M., Maggio A., Gramiccioni L. (1998) Gel Permeation Chromatography (GPC) of Repeatedly Extruded Polyethylene Terephthalate(PET) Food Additives Contaminants” 15, 3, 355-361,
5. Gramiccioni L., Ingrao G., Milana , M.R., Santaroni P. Tomassi G. (1996) Aluminium levels in italian diets and in selected food from aluminium utensils Food Additives Contaminants, 13,7, 767-774
6. Conti,M,E, Boccacci Mariani M., Milana , M.R. Gramiccioni L. (1996) Heavy metals and optical whitenings as quality parameters of recycled paper for food packaging.J. Food Processing And Preservation, 20, 1-11
7. Boccacci Mariani M., Fagnano N., Milana M.R., Pinto A. (1993) Determination of pyromellitic acid in aqueous matrices by HPLC” Chromatographia, 36: 365-367
8. Boccacci Mariani M., Milana M.R., Giamberardini S., Cavalli S (1993) A rapid HPLC method for the quantitative determination of tetramethylammonium chloride in some aqueous solutions used as food simulants. Chromatographia, 36: 362-364
9. Gramiccioni L., Di Prospero P., Milana , M.R., Di Marzio S., Marcello I. (1986). Global Migration from plastic materials into Olive Oil and Isoctane: an experimental comparison Fd. Chem. Toxicol. 24(1): 23-26.
10. Gramiccioni L., Milana , M.R., Di Marzio S., Lorusso S (1986). "GC Determination of traces of Acetaldehyde in aqueous matrix. A Rapid Headspace method". Chromatographia 21(1): 9-11.