

BIOGRAPHY

22/04/2010



Title and name

Dr Mona-Lise Binderup

Nationality

Danish

Panel

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

Education

M. Pharm Sci., The Danish University of Pharmaceutical Sciences, 1976.

Ph.D. in genotoxicology, The Danish University of Pharmaceutical Sciences, 1999.

Scientific and risk assessment experience

1.Genotoxicology, research using in vitro and in vivo test systems and risk assessment

2.Risk assessment of compounds used for Food contact

3.Nanotoxicology

4.Risk assessment of food enzymes

5.Risk assessment of hair dyes

6.Risk assessment of chemical pollutants in food and in the environment, e.g. PAH

Main scientific publications

1. Cederberg, H. Henriksson, J. and Binderup, M.-L. (2009) DNA damage detected by the alkaline comet assay in the liver of mice after oral administration of tetrachloroethylene. Mutagenesis Advanced Publication, doi:10.1093/mutage/geb051)

2. Binderup, M.-L. Steffensen, I.-L. (2009) Evaluation of the EU exposure model for migration from Food Contact Materials (FCM), 1-51. <http://vkm.no/dav/2a7d1ce442.pdf>

3. Roldán-Marín, E., Krath, B.N., Poulsen, M., Binderup, M.-L., Nielsen, T.H., Hansen, M., Barri, T., Langkilde, S., Cano, M.P., Sánchez-Moreno, C. and Dragsted, L.O. (2009) Effects of an onion by-product on bioactivity and safety markers in healthy rats". British Journal of Nutrition 102; 1574-1582.

4. Østergaard, T.G., Binderup, M.-L., Hansen, L. and Sørensen, S.J. (2007). The cda GenoTox assay: A new and sensitive method for the detection of environmental genotoxins including nitroarenes and aromatic amines. *Mutation Research*. 631,77-84.
5. Johnsen, A.J., de Liphay, J.R., Reichenberg, F., Sørensen, S.J., Andersen, O., Peter Christensen, Binderup, M.-L. and Jacobsen C.S.. (2006). Biodegradation, bioaccessibility and genotoxicity of diffuse polycyclic aromatic hydrocarbon (PAH) pollution at a motorway site. *Environmental Science & Technology*. 15; 40(10), 3293-8.
6. Hansen, Å.M., Wallin, H., Binderup, M.-L., Dybdahl, M., Autrup, H., Loft, S. and Knudsen, L.E. (2004). Indicators in urine of genotoxic exposure of busdrivers and mail carriers to urban air pollution in Denmark, *Mutation Research, Genetic Toxicology and Environmental Mutagenesis*. 557; 7-17.
7. Müller, A.K., Farombi, E.O., Møller, P., Autrup, H.N., Vogel, U., Wallin, H., Dragsted, L.O., Loft, S. and Binderup, M.-L. (2004). DNA damage in lung after oral exposure to diesel exhaust particles in Big Blue® rats. *Mutation Research, Fundamental and Molecular Mechanisms of Mutagenesis*. 550; 123-132.
8. Johnsen, A.J., de Liphay, J.R., Reichenberg, F., Sørensen, S.J., Andersen, O., Peter Christensen, Binderup, M.-L. and Jacobsen C.S.. (2006). Biodegradation, bioaccessibility and genotoxicity of diffuse polycyclic aromatic hydrocarbon (PAH) pollution at a motorway site. *Environmental Science & Technology*. 15; 40(10), 3293-8.
9. Hansen, Å.M., Wallin, H., Binderup, M.-L., Dybdahl, M., Autrup, H., Loft, S. and Knudsen, L.E. (2004). Indicators in urine of genotoxic exposure of busdrivers and mail carriers to urban air pollution in Denmark, *Mutation Research, Genetic Toxicology and Environmental Mutagenesis*. 557; 7-17.
10. Binderup, M.L., Petersen, G.A., Vinggaard, A.M., Rasmussen, E.S., Rosenqvist, H. and Cederberg, T. (2002). Toxicity testing and chemical analyses of recycled paper for food contact. *Food Additives and Contaminants* 19 Suppl. 13-28.