

BIOGRAPHY

6/02/2013.



Title and name

Prof. Martine Kolf-Clauw

Nationality

French

Panel

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

Education

- HDR in Toxicology (Accreditation to supervise Research), 1999, Paris XII University
- PhD in Toxicology, 1997, Paris VII University
- Certificate of Histopathology, 1995, Paris VI University
- Doctor in Veterinary Medicine, 1983, Maisons-Alfort, Paris XII University

Scientific and risk assessment experience

1) Experience in toxicological risk assessment in the field of pesticides, additives and food contaminants. Member of expert scientific committees and of working groups involved in risk assessment.

2) Scientific experience in developmental toxicology in vivo and in vitro, particularly biochemical and histopathological investigations after toxic exposure; targets of food contaminants : in vivo, ex-vivo and in vitro approaches (cadmium, mycotoxins).

Main scientific publications

Experimental and developmental toxicology; toxicology of food contaminants: cadmium, mycotoxins.

1. Kolf-Clauw M, Castellote J, Joly B, Bourges-Abella N, Raymond-Letron I, Pinton P, Oswald IP. (2009) Development of a pig jejunal explant culture for studying the gastrointestinal toxicity of the mycotoxin deoxynivalenol: histopathological analysis. *Toxicol In Vitro*, 23, 1580-1584.
2. Noel L, Huynh-Delerme C, Guerin T, Huet H, Fremy JM, Kolf-Clauw M. (2006) Cadmium accumulation and interactions with zinc, copper, and manganese, analysed by ICP-MS in a long-term Caco-2 TC7 cell model. *Biometals*, 19, 473-481
3. Huynh-Delerme C, Huet H, Noel L, Frigieri A, Kolf-Clauw M. (2005) Increased functional expression of P-glycoprotein in Caco-2 TC7 cells exposed long-term to cadmium. *Toxicol In Vitro*, 19, 439-447

4. Noel L, Guerin T, Kolf-Clauw M.(2004) Subchronic dietary exposure of rats to cadmium alters the metabolism of metals essential to bone health, *Food and Chemical Toxicology*, 42,1203-1210
 5. Gofflot F, Kolf-Clauw M, Clotman F, Roux C, Picard JJ. (1999) Absence of ventral cell populations in the developing brain in a rat model of the Smith-Lemli-Opitz syndrome, *Am J Med Genet* ,87,207-216
 6. Blais A., Lecoecur S., Milhaud G., Tome D., Kolf-Clauw M. (1999) Cadmium uptake and transepithelial transport in control and long-term exposed Caco-2 cells: the role of metallothionein. *Toxicol. Appl. Pharmacol.*, 160, 76-85.
 7. Kolf-Clauw M, Chevy F, Ponsart C.(1998) Abnormal cholesterol biosynthesis as in Smith-Lemli-Opitz syndrome disrupts normal skeletal development in the rat. *J Lab Clin Med.*, 131,222-7.
 8. Kolf-Clauw M, Chevy F, Siliart B, Wolf C, Mulliez N, Roux C. (1997) Cholesterol biosynthesis inhibited by BM15.766 induces holoprosencephaly in the rat, *Teratology*, 56,188-200.
 9. Kolf-Clauw M, Chevy F, Wolf C, Siliart B, Citadelle D, Roux C. (1996) Inhibition of 7-dehydrocholesterol reductase by the teratogen AY9944: a rat model for Smith-Lemli-Opitz syndrome, *Teratology*, 54,115-125.
 10. Roux C., Madani M., Launay JM, Rey F., Citadelle D., Mulliez N., Kolf M.(1995) Serotonin deficiency in phenylketonuria embryopathy. *Toxicol In Vitro*, 9, 653-662.
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