

BIOGRAPHY

8/02/2013.



Title and name

Dr. Claudia Bolognesi

Nationality

Italian

Panel

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

Education

Degree in Biological Sciences, University of Genoa

Postdoctoral Fellow Department of Oncology, Medical School, University of Genoa

Scientific and risk assessment experience

1. In vitro and in vivo genetic toxicology
2. Interactions between environmental and genetic factors which cause cancer
3. Validation of genotoxicity biomarkers for human and environmental monitoring
4. Evaluation of the environmental impact of mutagenic and carcinogenic chemicals
5. Biomonitoring of human populations exposed to genotoxic agents
6. Evaluation and interpretation of genotoxicity and carcinogenicity data

Main scientific publications

C. Bolognesi is author of more than 120 papers mainly dealing with environmental mutagenesis, human biomonitoring, gene-environment interaction in cancer risk."

Cardinale F, Bruzzi P, Bolognesi C. (2012) [Role of micronucleus test in predicting breast cancer susceptibility: a systematic review and meta-analysis](#). Br J Cancer. 106:780-90.

Bolognesi C, Fenech M. (2012) [Mussel micronucleus cytome assay](#). Nat Protoc. 17: 1125-37.

Ropolo M, Balia C, Roggieri P, Lodi V, Nucci MC, Violante FS, Silingardi P, Colacci A, Bolognesi C (2012) [The micronucleus assay as a biological dosimeter in hospital workers exposed to low doses of ionizing radiation](#). Mutat Res. 747:7-13

Sforzini S, Boeri M, Dagnino A, Oliveri L, Bolognesi C, Viarengo A (2012). Genotoxicity assessment in *Eisenia andrei* coelomocytes: A study of the induction of DNA damage and micronuclei in earthworms exposed to B[a]P- and TCDD-spiked soils. *Mutat Res.* 746(1):35-41.

Bonassi S, El-Zein R, Bolognesi C, Fenech M. (2011) Micronucleus frequency in peripheral lymphocytes and cancer risk: evidence from human studies. *Mutagenesis.* 26(1):93-100.

Bolognesi C, Creus A, Ostrosky-Wegman P, Marcos R. (2011) Micronuclei and pesticide exposure. *Mutagenesis.* 26(1):19-26.

Bolognesi C, Hayashi M (2011) Micronucleus assay in aquatic animals *Mutagenesis.* 26(1):205-13

Bolognesi C, Balia C, Roggieri P, Cardinale F, Bruzzi P, Sorcinelli F, Lista F, D'Amelio R, Righi E (2011) Micronucleus test for radiation biodosimetry in mass casualty events: Evaluation of visual and automated scoring. *Radiation Measurements:* 46: 169-175

Bolognesi C.-Carrasquilla G.-Volpi S.-Solomon K.-Marshall E. (2009) Biomonitoring of genotoxic risk in agricultural workers from five colombian regions: association to occupational exposure to glyphosate. *J. Toxicol. Environ. Health A* 72:986/997.

Thomas P.-Holland N.-Bolognesi C.-Kirsch Volders M.-Bonassi S.- Zeiger E.Knasmueller S.Fenech M. (2009) Buccal micronucleus cytome assay. *Nat. Protoc.* 4:825/837.