

BIOGRAPHY

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Title and name

Dr. Alberto Mantovani

Nationality

Italian

Panel

Plant Protection Products and Their Residues (PPR)

Education

MSc, in Veterinary Public Health, University of Edinburgh (UK) (1982)

DVM, University of Bologna (Italy) (1979)

Scientific and risk assessment experience

- In vivo/in vitro reproductive and developmental toxicology
 - Hazard and risk characterization of man-made and natural chemicals
 - Exposure assessment, including biomonitoring
 - Safety assessment of chemicals used in food chain for users, farm animals and environmental biota
 - Testing and risk assessment of endocrine active substances
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Main scientific publications

De Angelis S, Tassinari R, Maranghi F, Eusepi A, Di Virgilio A, Chiarotti F, Ricceri L, Venerosi Pesciolini A, Gilardi E, Moracci G, Calamandrei G, Olivieri A, Mantovani A. (2009) Developmental exposure to chlorpyrifos induces alterations in thyroid and thyroid hormone levels without other toxicity signs in cd1 mice. *Toxicol Sci.* 108:311-9.

Santini F, Mantovani A, Cristaudo A, Rago T, Marsili A, Buselli R, Mignani A, Ceccarini G, Bastillo R, Taddei D, Ricco I, Vitti P, Pinchera A. (2008) Thyroid function and exposure to styrene. *Thyroid.* 18:1065-9.

Tait S, Ricceri L, Venerosi A, Maranghi F, Mantovani A, Calamandrei G. (2009) Long-term effects on hypothalamic neuropeptides following developmental exposure to chlorpyrifos in mice. *Environ Health Perspect* 117:112-116

Lorenzetti S, Marcoccia D, Narciso L, Mantovani A. (2010) Cell viability and PSA secretion assays in LNCaP cells: a tiered in vitro approach to screen chemicals with a prostate-mediated effect on male reproduction within the ReProTect project. *Reprod Toxicol.* 30:25-35.

Maranghi F, Lorenzetti S, Tassinari R, Moracci G, Tassinari V, Marcoccia D, Di Virgilio A, Eusepi A, Romeo A, Magrelli A, Salvatore M, Tosto F, Viganotti M, Antoccia A, Di Masi A, Azzalin G, Tanzarella

C, Macino G, Taruscio D, Mantovani A (2010). In utero exposure to di-(2-ethylhexyl) phthalate affects liver morphology and metabolism in post-natal CD-1 mice. *Reprod Toxicol.* 29: 427-32.

Tait S, La Rocca C, Mantovani A (2011). Exposure of human fetal penile cells to different PCB mixtures: transcriptome analysis points to diverse modes of interference on external genitalia programming. *Reprod Toxicol.* 32: 1-14.

Turci R, Balducci C, Brambilla G, Colosio C, Imbriani M, Mantovani A, Vellere F, Minoia C. (2010) A simple and fast method for the determination of selected organohalogenated compounds in serum samples from the general population. *Toxicol Lett.* 192:66-71.

Cubadda F, Aureli F, D'Amato M, Raggi A, Turco AC, Mantovani A. (2012) Speciated urinary arsenic as biomarker of dietary exposure to inorganic arsenic in residents living in high-arsenic areas in Latium, Italy. *Pure and Applied Chemistry.* 84:203-14

La Rocca C, Alessi E, Bergamasco B, Caserta D, Ciardo F, Fanella E, Focardi S, Guerranti C, Moscarini M, Perra G, Stecca L, Tait S, Zaghi C, Mantovani A. (2012) Exposure and effective dose biomarkers for PFOS/PFOA in infertile subjects: preliminary results of the PREVIENI project. *International Journal of Hygiene and Environmental Health* 215:206-11

Maranghi F, Mantovani A. Targeted toxicological testing to investigate the role of endocrine disruptors in puberty disorders. *Reproductive Toxicology* 2012, 33(3):290-6
