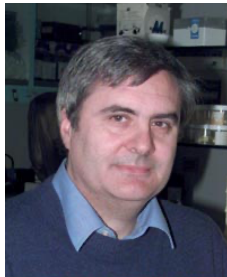


Curriculum Vitae Europass



Alberto Mantovani

Informazioni personali

Cognome(i)/Nome(i) **Mantovani Alberto**
Indirizzo(i) Via Giorgio Baglivi, 8 – 00161 Roma, Italia
Telefono(i) +39 06 4990 2815 Mobile +39 333 7619642
Fax +39 06 4990 2363
E-mail alberto.mantovani@iss.it

Codice Fiscale MNTLRT56B22A944N

Cittadinanza Italiana

Data di nascita 22 febbraio 1956

Sesso Maschio

Settore professionale **Dirigente di Ricerca nella Pubblica Amministrazione**

Esperienza professionale

Date 1982-1985
Lavoro o posizione ricoperti Ricercatore presso Servizio Stabulario – Istituto Superiore di Sanità (ISS)
Principali attività e responsabilità Coordinamento e gestione di studi di tossicologia e farmacologia in vivo
Nome e indirizzo del datore di lavoro **Istituto Superiore di Sanità**
Viale Regina Elena, 299
00161 Roma, Italia

Tipo di attività o settore Ricerca

Date 1985-2006
Lavoro o posizione ricoperti Ricercatore e (dal 1992) Primo Ricercatore presso Laboratorio di Tossicologia Comparata e Ecotossicologia
Principali attività e responsabilità Programmazione e coordinamento di attività di ricerca nei campi della tossicologia in vivo e tossicologia dello sviluppo. Sviluppo della competenza scientifica ed istituzionale sull'argomento emergente degli *Interferenti endocrini*: coordinatore del progetto nazionale (finanziato dal Ministero Salute): "Esposizione umana a sostanza con attività endocrina: valutazione del rischio per la riproduzione e l'età evolutiva" (2000-4); co-chair del gruppo di lavoro "Endocrine Disruptors" nell'ambito dell'iniziativa SCALE (2002-2003) per la formulazione delle basi scientifiche della Strategia Europea Ambiente e Salute (v. Calamandrei G, Mantovani A. "SCALE: un'iniziativa europea per la prevenzione dei rischi per la salute dei bambini". Notiziario dell'Istituto Superiore di Sanità, 2004)

Nome e indirizzo del datore di lavoro **Istituto Superiore di Sanità**
Viale Regina Elena, 299
00161 Roma, Italia

Tipo di attività o settore	Ricerca
Date	1994-1999
Lavoro o posizione ricoperti	Esperto Italiana per gli aspetti tossicologici nel Safety of residues Working Party dell'agenzia europea del Farmaco (EMA)
Principali attività e responsabilità	Incaricato della valutazione di sicurezza per gli animali ed il consumatore dei farmaci usati in zootecnia
Nome e indirizzo del datore di lavoro	EMA – Agenzia Europea del Farmaco
Tipo di attività o settore	Ricerca
Date	2000-ad oggi
Lavoro o posizione ricoperti	Rappresentante italiano nel gruppo di lavoro OECD Joint NCA/RAAB Working Group on Endocrine Disrupters Testing and Assessment
Principali attività e responsabilità	Valutazione di strategie per l'identificazione e caratterizzazione di interferenti endocrini
Nome e indirizzo del datore di lavoro	OECD - Joint NCA/RAAB Working Group on Endocrine Disrupters Testing and Assessment
Tipo di attività o settore	Ricerca
Date	2003 – ad oggi
Lavoro o posizione ricoperti	Membro dei: Scientific Panel on Additives and Products or Substances Used in Animal Feed (FEEDAP) (luglio 2003- giugno 2012 e nuovamente luglio 2015-giugno 2018) Scientific Panel on Plant Protection Products (PPR) (luglio 2012- giugno 2015); membro dello Standing Working Group on Emerging Risks (2013-2016), esparto esterno del FEEDAP Panel (luglio 2018 ad oggi)
Principali attività e responsabilità	FEEDAP: valutazione di sicurezza per gli animali, il consumatore, l'operatore e l'ambiente delle sostanze usate nei mangimi PPR: valutazione di sicurezza per il consumatore, l'operatore e gli organismi ambientali terrestri ed acquatici dei pesticidi Coordinatore del gruppo di lavoro FEEDAP "Trace Elements in Feeds" (2007-12 e 2015-18) e "Other additives in feeds" (2018-19) Vice Chair del Panel FEEDAP (2009-2012) Vice-coordinatore del gruppo di lavoro PPR su "Good Modelling Practices" (2013-14)
Nome e indirizzo del datore di lavoro	European Food Safety Authority
Date	2007-oggi
Lavoro o posizione ricoperti	Dirigente di Ricerca, Direttore Reparto di Tossicologia Alimentare e Veterinaria

Principali attività e responsabilità	<p>Il mio compito è sviluppare le competenze scientifiche ed istituzionali relative alla valutazione del rischio tossicologico, nonché alla valutazione rischio-beneficio, con particolare riferimento alla tutela delle <i>fasce di popolazione vulnerabili</i> (tossicologia dello sviluppo e della riproduzione) e alla valutazione di <i>rischi emergenti</i> (in primo luogo interferenti endocrini e nanomateriali). Sono responsabile dell'area tematica dedicata agli interferenti endocrini nel sito dell'ISS (http://www.iss.it/inte).</p> <p>Coordinatore di progetti nazionali ed internazionali:</p> <p>"The Bladder Extrophy-Epispadias Complex and Exogenous Risk Factors (BLADE)"[2007-2009] (nell'ambito del programma congiunto ISS – US NIH);</p> <p>"Realizzazione di uno studio triennale in aree pilota sui riflessi ambientali e sanitari di alcuni contaminanti chimici emergenti (interferenti endocrini) (PREVIENI) [2008-2011] (Ministero Ambiente: http://www.iss.it/prvn);</p> <p>"Sistema Integrato di biosensori e sensori (BEST) per il monitoraggio della salubrità e qualità e per la tracciabilità della filiera del latte bovino" (ALERT) [2011-16] (Programma Made in Italy del MISE: http://www.alert2015.it)</p> <p>"LIFE EDESIA - Endocrine Disruptors in silico / in vitro - Evaluation and Substitution for Industrial Applications" [2011-17] (Programma EU LIFE, http://www.iss.it/life)</p> <p>- esperto scientifico ad hoc sugli effetti di tossicità riproduttiva, dello sviluppo e di interferenza endocrina presso l'Agenzia Europea delle Sostanze Chimiche (ECHA) per l'applicazione del programma Europeo REACH di revisione e registrazione delle sostanze chimiche</p> <p>- componente (dal 2014) del gruppo esperti UE che segue lo sviluppo del programma UNEP sugli interferenti endocrini</p> <p>- componente del comitato SalutExpo che offre consulenza scientifica al Ministero della Salute sulle iniziative nell'ambito di Expo2015</p> <p>- componente del Comitato Nazionale per la Sicurezza Alimentare (2010-13, 2015-18, 2019-22)</p>
Nome e indirizzo del datore di lavoro	<p>Istituto Superiore di Sanità, Dipartimento di Sanità Pubblica Veterinaria e Sicurezza Alimentare Viale Regina Elena, 299 00161 Roma, Italia</p>
Tipo di attività o settore	Ricerca
Istruzione e formazione	
Date Titolo della qualifica rilasciata Nome e tipo d'organizzazione erogatrice dell'istruzione e formazione	<p>1979 Laurea in Medicina Veterinaria Università di Bologna</p>
Date Titolo della qualifica rilasciata Principali tematiche/competenza professionali possedute Nome e tipo d'organizzazione erogatrice dell'istruzione e formazione	<p>1982 Master Scienze in Veterinary Public Health Sanità Pubblica Veterinaria – "medicina unica", "prevenzione unica"</p> <p>University of Edinburgh</p>

Altre capacità e competenze

Madrelingua

Italiano

Altra(e) lingua(e)

Inglese, Francese

Autovalutazione

Livello europeo ()*

Lingua Inglese

Lingua Francese

Comprensione		Parlato		Scritto	
Ascolto	Lettura	Interazione orale	Produzione orale		
ottimo	ottimo	ottimo	ottimo		ottimo
buono	ottimo	buono	buono		discreto

() Quadro comune europeo di riferimento per le lingue*

Capacità e competenze informatiche

Buono utilizzo dei principali pacchetti informatici

Allegati

Si allega elenco delle pubblicazioni nel decennio 2006-2015

PUBBLICAZIONI SELEZIONATE NEL 2006-19

PUBBLICAZIONI INTERNAZIONALI PEER-REVIEWED

- 1) Calamandrei G, Maranghi F, Venerosi A, Alleva E, Mantovani A. (2006). Efficient testing strategies for evaluation of xenobiotics with neuroendocrine activity. *Reprod Toxicol.* 22: 164-74.
- 2) Carbone P, Giordano F, Nori F, Mantovani A, Taruscio D, Lauria L, Figa-Talamanca I. (2006) Cryptorchidism and hypospadias in the Sicilian district of Ragusa and the use of pesticides. *Reproductive Toxicology.* 22: 8-12.
- 3) Carbone P, Giordano F, Nori F, Mantovani A, Taruscio D, Lauria L, Figa-Talamanca I. (2006) The possible role of endocrine disrupting chemicals in the aetiology of cryptorchidism and hypospadias: a population-based case-control study in rural Sicily. *Int J Androl.* 30: 3-13.
- 4) La Rocca C, Mantovani A. From environment to food: the case of PCB. *Ann Ist Super Sanita.* 2006;42(4):410-6.
- 5) Mantovani A. (2006) Risk assessment of endocrine disrupters. The role of toxicological studies. *Ann. N.Y. Acad. Sci.* 1076: 239-252
- 6) Mantovani A, Maranghi F, Purificato I, Macri A. (2006) Assessment of feed additives and contaminants: an essential component of food safety. *Ann Ist Super Sanita.* 42(4):427-32.
- 7) Carbone P, Giordano F, Nori F, Mantovani A, Taruscio D, Lauria L, Figa-Talamanca I. (2007) The possible role of endocrine disrupting chemicals in the aetiology of cryptorchidism and hypospadias: a population-based case-control study in rural Sicily. *Int J Androl.* 30: 3-13
- 8) Clementi M, Causin R, Marzocchi C, Mantovani A, Tenconi R. (2007) A study of the impact of agricultural pesticide use on the prevalence of birth defects in northeast Italy. *Reprod Toxicol.* 24(1):1-8.

- 9) Frazzoli C, Dragone R, Mantovani A, Massimi C, Campanella L. (2007) Functional toxicity and tolerance patterns of bioavailable Pd(II), Pt(II), and Rh(III) on suspended *Saccharomyces cerevisiae* cells assayed in tandem by a respirometric biosensor. *Anal Bioanal Chem.* 389: 2185-94.
- 10) Maranghi F, Rescia M, Macri C, Di Consiglio E, De Angelis G, Testai E, Farini D, De Felici M, Lorenzetti S, Mantovani A. (2007) Lindane may modulate the female reproductive development through the interaction with ER-beta: an in vivo-in vitro approach. *Chem Biol Interact.* 169:1-14.
- 11) Baldi F, Mantovani A. (2008) A new database for food safety: EDID (Endocrine disrupting chemicals - Diet Interaction Database). *Ann Ist Super Sanita.* 44: 57-63.
- 12) Caserta D, Maranghi L, Mantovani A, Marci R, Maranghi F, Moscarini M. (2008) Impact of endocrine disruptor chemicals in gynaecology. *Hum Reprod Update.* 14(1):59-72.
- 13) Giordano F, Carbone P, Nori F, Mantovani A, Taruscio D, Figà-Talamanca I. (2008) Maternal diet and the risk of hypospadias and cryptorchidism in the offspring. *Paediatric and Perinatal Epidemiology.* 22:249-260.
- 14) Mantovani A, Maranghi F, La Rocca C, Tiboni GM, Clementi M. (2008) The role of toxicology to characterize biomarkers for agrochemicals with potential endocrine activities. *Reprod Toxicol.* 26(1):1-7.
- 15) Maranghi F, Tassinari R, Moracci G, Macri C, Mantovani A. (2008) Effects of a low oral dose of diethylstilbestrol (DES) on reproductive tract development in F1 female CD-1 mice. *Reprod Toxicol.* 26(2):146-50.
- 16) Salvatore M, Lorenzetti S, Maranghi F, Mantovani A, Taruscio D (2008). Molecular link(s) between hepatoblastoma pathogenesis and exposure to di-(2-ethylhexyl)phthalate: a hypothesis. *Folia Medica* 50(4):17-23
- 17) 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(10):1065-9.
- 18) 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(2):311-9.
- 19) Frazzoli C, Petrini C., Mantovani A. (2009) Sustainable development and next generation's health: a long-term perspective about the consequences of today's activities for food safety. *Annali Ist Sup. Sanita* 45(1):65-75.
- 20) Magrelli A, Azzalin G, Salvatore M, Viganotti M, Tosto F, Colombo T, Devito R, Di Masi A, Antoccia A, Lorenzetti S, Maranghi F, Mantovani A, Tanzarella C, Macino G, Taruscio D. (2009) Altered microRNA Expression Patterns in Hepatoblastoma Patients. *Transl Oncol.* 2:157-63.
- 21) Mantovani A, Frazzoli C, La Rocca C. (2009) Risk assessment of endocrine-active compounds in feeds. *Vet J.* 182, 392-401.
- 22) 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.
- 23) Di Masi A, Viganotti M, Antoccia A., Magrelli A., Salvatore M., Azzalin G., Tosto F., Lorenzetti S., Maranghi F., Mantovani A., Macino G., Tanzarella C., Taruscio D. (2010). Characterization of HuH6, Hep3B, HepG2 and HLE liver cancer cell lines by WNT/ β -catenin pathway, microRNA expression and protein expression profile'. *Cellular & Molecular Biology* 10:1299-1317.
- 24) Frazzoli C, Mantovani A. (2010) Toxicants Exposures as Novel Zoonoses: Reflections on Sustainable Development, Food Safety and Veterinary Public Health. *Zoonoses Public Health.* 7-8: e136-e142
- 25) Frazzoli C, Orisakwe OE, Dragone R, Mantovani A. (2010) Diagnostic health risk assessment of electronic waste on the general population in developing countries' scenarios. *Environmental Impact Assessment.* 30, 388-99.
- 26) Latini G, Knipp G, Mantovani A, Marcovecchio ML, Chiarelli F, Söder O. (2010) Endocrine disruptors and human health. *Mini Rev Med Chem.* 10: 846-55.
- 27) Lorenzetti S, Marcocchia 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(1):25-35.
- 28) Mantovani A, Frazzoli C, Cubadda F. (2010) Organic forms of trace elements as feed additives: Assessment of risks and benefits for farm animals and consumers. *Pure Appl Chem,* 82:393-407.
- 29) Mantovani A., Frazzoli C. (2010) Risk assessment of toxic contaminants in animal feed. *CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources.* 5, 046: 1-14.
- 30) Maranghi F, Lorenzetti S, Tassinari R, Moracci G, Tassinari V, Marcocchia 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.
- 31) 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(1):66-71.
- 32) Viganotti M, Antoccia A., Magrelli A., Salvatore M., Azzalin G., Tosto F., Lorenzetti S., Maranghi F., Mantovani A., Macino G., Tanzarella C., Taruscio D., and Di Masi A. Characterization of HuH6, Hep3B, HepG2 and HLE liver cancer cell lines by WNT/ β -catenin pathway, microRNA expression and protein expression profile *Cell Mol Biol (Noisy-le-grand).* 2010 56 Suppl:OL1299-317.
- 33) Caserta D, Mantovani A, Marci R, Fazi A, Ciardo F, La Rocca C, Maranghi F, Moscarini M. (2011) Environment and women's reproductive health. *Hum Reprod Update.* 2011 31: 792-6.
- 34) Caserta D, Mantovani A, Ciardo F, Fazi A, Baldi M, Sessa MT, la Rocca C, Ronchi A, Moscarini M, Minoia C. (2011) Heavy metals in human amniotic fluid: a pilot study. *Prenat Diagn.* 2011 31:792-6.
- 35) Lorenzetti S, Altieri I, Arabi S, Balduzzi D, Bechi N, Cordelli E, Galli C, Ietta F, Modena SC, Narciso L, Pacchierotti F, Villani P, Galli A, Lazzari G, Luciano AM, Paulesu L, Spanò M, Mantovani A. Innovative non-animal testing strategies for reproductive toxicology: the contribution of Italian partners within the EU project ReProTect. *Ann Ist Super Sanità* 2011; 47(4):429-443.
- 36) Tait S, La Rocca C, Mantovani A. Exposure of human fetal penile cells to different PCB mixtures: transcriptome analysis points to diverse modes of interference on external genitalia programming. *Reprod Toxicol.* 2011 32: 1-14.
- 37) Taruscio D, Carbone P, Grannata O, Baldi F, Mantovani A. Folic acid and primary prevention of birth defects. *Biofactors* 2011, 37: 280-4.

- 38) Cubadda F, Aureli F, D'Amato M, Raggi A, Turco AC, Mantovani A. 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* 2012, 84:203-14
- 39) La Rocca C, Alessi E, Bergamasco B, Caserta D, Ciardo F, Fanello E, Focardi S, Guerranti C, Stecca L, Moscarini M, Perra G, Tait S, Zaghi C, Mantovani A. Exposure and effective dose biomarkers for perfluorooctane sulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) in infertile subjects: Preliminary results of the PREVIENI project. *Int J Hyg Environ Health*. 2012 Feb;215(2):206-11.
- 40) Latini G, Dipaola L, Mantovani A, Picano E. Reproductive Effects of Low-to-Moderate Medical Radiation Exposure. *Curr Med Chem*. 2012 19(36):6171-7.
- 41) Maranghi F, Mantovani A. Targeted toxicological testing to investigate the role of endocrine disrupters in puberty disorders. *Reproductive Toxicology* 2012, 33(3):290-6.
- 42) Proietti I., Mantovani A., Mouquet-Rivier C., Guyot J.-P. Modulation of chelating factors, trace minerals and their estimated bioavailability in Italian and African sorghum (*Sorghum bicolor* (L.) Moench) porridges. *International Journal of Food Science and Technology* (2013) 48: 126-32
- 43) Caserta D, Bordi G, Ciardo F, Marci R, La Rocca C, Tait S, Bergamasco B, Stecca L, Mantovani A, Guerranti C, Fanello EL, Perra G, Borghini F, Focardi SE, Moscarini M. The influence of endocrine disruptors in a selected population of infertile women. *Gynecol Endocrinol*. 2013 29: 444-7.
- 44) Maranghi F, Tassinari R, Moracci G, Altieri I, Rasinger JD, Carroll TS, Hogstrand C, Lundebye AK, Mantovani A. Dietary exposure of juvenile female mice to polyhalogenated seafood contaminants (HBCD, BDE-47, PCB-153, TCDD): comparative assessment of effects in potential target tissues. *Food Chem Toxicol*. 2013, 56: 443-9.
- 45) Caserta D, Bordi G, Guerranti C, Fanello EL, Perra G, Borghini F, La Rocca C, Tait S, Bergamasco B, Stecca L, Marci R, Lo Monte G, Soave I, Mantovani A, Focardi SE, Moscarini M. (2013) Correlation of endocrine disrupting chemicals serum levels and white blood cells gene expression of nuclear receptors in a population of infertile women. *International Journal of Endocrinology*, 2013: doi: 10.1155/2013/510703. Epub 2013 Apr 21.
- 46) Maranghi F, Tassinari R, Mantovani A. Toxicological assessment of drugs that effect the endocrine system in puberty-related disorders. *Expert Opinion on Drug Metabolism and Toxicology* 2013 9:1309-16
- 47) Maranghi F, De Angelis S, Tassinari R, Chiarotti F, Lorenzetti S, Moracci G, Marcocchia D, Gilardi E, Di Virgilio A, Eusepi A, Mantovani A, Olivieri A. Reproductive toxicity and thyroid effects in Sprague Dawley rats exposed to low doses of ethylenethiourea *Food and Chemical Toxicology*. 2013 59:261-71.
- 48) Proietti I, Tait S, Aureli F, Mantovani A (2013). Modulation of sorghum biological activities by varieties and two traditional processing methods: an integrated in vitro/modelling approach. *International Journal of Food Science and Technology* 2013; 49:1593-949
- 49) Proietti I, Frazzoli C, Mantovani A. Identification and management of toxicological hazards of street foods in developing countries. (2014) *Food and Chemical Toxicology*, 63:143-52.
- 50) Tassinari R, Cubadda F, Moracci G, Aureli F, D'Amato M, Valeri M, De Berardis, Raggi A, Mantovani A, Passeri D, Rossi M, Maranghi F. Oral, short-term exposure to titanium dioxide nanoparticles in Sprague-Dawley rat: focus on reproductive and endocrine systems and spleen. *Nanotoxicology* 2014; 8:654-62.
- 51) Pouokam GB, Ajaezi GC, Mantovani A, Orisakwe OE, Frazzoli C. Use of Bisphenol A-containing baby bottles in Cameroon and Nigeria and possible risk management and mitigation measures: community as milestone for prevention (2014). *Science of the Total Environment* 15: 296-302
- 52) Taruscio D., Arriola L., Baldi F., Barisic I., Bermejo-Sánchez E., Bianchi F., Calzolari E., Carbone P., Curran R., Garne E., Gatt M., Irgens L., Latos-Bieleńska A., Khoshnood B., Mantovani A., Martínez-Frías M.L., Neville A., Reißmann A., Ruggeri S., Wellesley D., Dolk H. European recommendations for primary prevention of congenital anomalies: a joined effort of EUROCAT and EUROPLAN projects to facilitate inclusion of this topic in the National Rare Disease Plans. (2014) *Public Health Genomics* 2014;17:115-23.
- 53) Fucic A., Mantovani A. Puberty dysregulation and increased risk of disease in adult life: possible modes of action. *Reproductive Toxicology* 2014; 44C:15-22.
- 54) Frazzoli C, Mantovani A, Dragone R. Local role of food producers' communities for a Global One-Health framework: the experience of traslational research in an Italian dairy chain. *Journal of Agricultural Chemistry and Environment* 2014; 3: 14-20
- 55) Caserta D, Di Segni N, Mallozzi M, Giovanale V, Mantovani A, Marci R, Moscarini M. Bisphenol A and the female reproductive tract: an overview of recent laboratory evidence and epidemiological studies. *Reproductive Biology and Endocrinology* (2014) May 9;12:37. doi: 10.1186/1477-7827-12-37.
- 56) Smeriglio A, Trombetta D, Marcocchia D, Mantovani A, Lorenzetti S. Intracellular distribution and biological effects of plant bioactives in a sex steroid-sensitive model of human prostate adenocarcinoma. *Anticancer Agents in Medicinal Chemistry* 2014 14:1386-96
- 57) La Rocca C, Tait S, Guerranti C, Busani L, Ciardo F, Bergamasco B, Stecca L, Perra G, Mancini FR, Marci R, Bordi G, Caserta D, Focardi S, Moscarini M, Mantovani A. Exposure to endocrine disrupters and nuclear receptors gene expression in infertile and fertile women from different Italian areas. *International Journal of Environmental Research and Public Health* 2014 11, 10146-10164.
- 58) Rachid M, Mokhtar IY, Maranghi F, Mantovani A. Protective role of *Nigella sativa* oil against reproductive toxicity, hormonal alterations and oxidative damage induced by chlorpyrifos in male rats. *Toxicol Ind Health*. 2014 Nov 25. pii: 0748233714554675. [Epub ahead of print]
- 59) La Rocca C, Tait S, Mantovani A. Use of a combined in vitro assay for effect-directed assessment of infant formulas. *International Journal of Food Science and Technology* 2015m 450: 77-83
- 60) Appicciafuoco B, Dragone R; Frazzoli C, Bolzoni G, Mantovani A; Ferrini AM. Microbial screening for quinolones residues in cow milk by bio-optical method. *Journal of Pharmaceutical and Biomedical Analysis* 2015 106:179-85.
- 61) Rachid M, Mokhtar IY, Mantovani A. Nicotine-induced reproductive toxicity, oxidative damage, histological changes and haematotoxicity in male rats: the protective effects of green tea extract. *Experimental and Toxicologic Pathology*. 2015 67(3):253-9
- 62) Cubadda F, D'Amato M, Mancini FR, Aureli F, Raggi A, Busani L, Mantovani A. Assessing human exposure to inorganic arsenic in high-arsenic areas of Latium: a biomonitoring study integrated with indicators of dietary intake. *Ann. Ig.*, 2015 27(1):39-51.
- 63) Taruscio D, Mantovani A, Carbone P, Barisic I, Bianchi F, Garne E, Nelen V, Neville Wellesley D, Dolk H. Primary prevention of congenital anomalies: recommendable, feasible and achievable. *Public Health Genomics*, 2015 Mar 12. [Epub ahead of print]
- 64) Proietti I, Frazzoli C, Mantovani A. Exploiting nutritional value of staple foods in world's arid and semi-arid areas: risks and benefits, challenges and opportunities of sorghum. *Healthcare* 2015, 3(2), 172-193

- 65) Roncaglioni A, Benfenati E, Mantovani A, Fiorino F, Perissutti E, Lorenzetti S. The role of in silico tools in supporting the application of the substitution principle. *ALTEX*. 2015;32(2):151-3.
- 66) Mantovani A, Ferrari D, Frazzoli C. Sustainability, security and safety in the feed-to-fish chain: focus on toxic contamination. *International Journal of Nutrition and Food Sciences* 2015; 4(2-2): 6-24.
- 67) Tait S, Tassinari R, Maranghi F, Mantovani A. Toxicogenomics analysis of placenta samples from mice exposed to different doses of BPA. *Genomics Data* 2015; 4:109-11
- 68) Fucic A., Ivankovic S, Ivankovic D, Stojkovic R, Attias L, Mantovani A. Testosterone-induced micronuclei and increased nuclear division rate in L929 cell line expressing the androgen receptor. *Toxicology in Vitro* (2015) 29(5):1021-1025
- 69) Del Pup L, Mantovani A, Luce A, Cavaliere C, Facchini G, Di Francia R, Caraglia M, Berretta M. Endocrine disruptors and female cancer: Informing the patients. *Oncology Reports* (2015) 34: 3-11
- 70) Lorenzetti S, Marcoccia D, Mantovani A. Biomarkers of effect in endocrine disruption: how to link a functional assay to an adverse outcome pathway. *Annals of the ISS* (2015) 51:167-71
- 71) Tait S, Tassinari R, Maranghi F, Mantovani A. Bisphenol A affects placental layers morphology and angiogenesis during early pregnancy phase in mice. *Journal of Applied Toxicology* (2015) doi: 10.1002/jat.3176
- 71) Heindel JJ, vom Saal FS, Blumberg B, Bovolín P, Calamandrei G, Ceresini G, Cohn BA, Fabbri E, Gioiosa L, Kassotis C, Legler J, La Merrill M, Rizzit L, Machtinger R, Mantovani A, Mendez MA, Montanini L, Molteni L, Nagel SC, Parmigiani S, Panzica G, Paterlini S, Pomatto V, Ruzzin J, Sartor G, Schug TT, Street ME, Suvorov A, Volpi R, Zoeller RT, Palanza P. Parma Consensus Statement on Metabolic Disruptors. *Environmental Health* (2015) 2015 Jun 20;14(1):54. doi: 10.1186/s12940-015-0042-7.
- 72) Tassinari R, Mancini FR, Mantovani A, Busani L, Maranghi F. Pilot study on dietary habits and life-styles of girls with idiopathic precocious puberty from the city of Rome: potential impact of exposure to flame retardant polybrominated diphenyl ethers. *Journal of Pediatric Endocrinology and Metabolism* (2015) doi: 10.1515/jpem-2015-0116.
- 73) Heindel JJ, vom Saal FS, Blumberg B, Bovolín P, Calamandrei G, Ceresini G, Cohn BA, Fabbri E, Gioiosa L, Kassotis C, Legler J, La Merrill M, Rizzit L, Machtinger R, Mantovani A, Mendez MA, Montanini L, Molteni L, Nagel SC, Parmigiani S, Panzica G, Paterlini S, Pomatto V, Ruzzin J, Sartor G, Schug TT, Street ME, Suvorov A, Volpi R, Zoeller RT, Palanza P. Parma Consensus Statement on Metabolic Disruptors. *Environmental Health* (2015) Jun 20;14:54. doi: 10.1186/s12940-015-0042-7.
- 74) Mantovani A (2016). Endocrine Disruptors and the safety of food chains. *Hormone Research in Paediatrics*. 86: 279-88.
- 75) Deodati A, Sallemia A, Maranghi F, Germani D, Puglianiello A, Baldari F, Busani L, Mancini FR, Tassinari R, Mantovani A, Cianfarani S (2016). Serum Levels of Polybrominated diphenyl ethers (PBDEs) in Girls with Premature Thelarche. *Hormone Research in Pediatrics* 86: 233-9.
- 76) Stecca L, Tait S, Corrado F, Esposito M, Mantovani A, La Rocca C (2016). Development of an in vitro test battery model based on liver and colon cancer cell lines to discriminate PCB mixtures by transcription factors gene expression analysis. *Toxicology in vitro* 34:204-21
- 77) Del Pup L, Mantovani A, Cavaliere C, Facchini G, Luce A, Sperlongano P, Caraglia M, Berretta M (2016). Carcinogenetic mechanisms of endocrine disruptors in female cancers. *Oncology Reports* 36: 603-12.
- 78) Heindel JJ, Blumberg B, Cave M, Machtinger R, Mantovani A, Mendez MA, Nadal A, Palanza P, Panzica G, Sargis R, Vandenberg LN, Vom Saal F. Metabolism disrupting chemicals and metabolic disorders. *Reprod Toxicol*. 2016 Oct 17. doi: 10.1016/j.reprotox.2016.10.001. [Epub ahead of print]
- 79) Mantovani A (2017) Editorial. Why research on endocrine disrupting chemicals is still worthwhile. *Annali Ist. Super Sanita*, 53: 1-2.
- 80) Solecki R, Bergman Å, Boobis A, Chahoud I, Degen G, Dietrich D, Greim H, Håkansson H, Hass U, Hu T, Jacobs M, Jobling S, Mantovani A, Marx-Stoelting P, Piersma A, Slama R, Stahlmann R, van den Berg M, Zoeller RT, Kortenkamp A. (2017) Scientific principles for the identification of endocrine disrupting chemicals - a consensus statement. *Archives of Toxicology* 91: 1001-5.
- Leist M, Ghallab A, Graepel R, Marchan R, Hassan R, Bennekou SH, Limonciel A, Vinken M, Schildknecht S, Waldmann T, Danen E, van Ravenzwaay B, Kamp H, Gardner I, Godoy P, Bois FY, Braeuning A, Reif R, Oesch F, Drasdo D, Höhme S, Schwarz M, Hartung T, Braunbeck T, Beltman J, Vrieling H, Sanz F, Forsby A, Gadaleta D, Fisher C, Kelm J, Fluri D, Ecker G, Zdrzil B, Terron A, Jennings P, van der Burg B, Dooley S, Meijer AH, Willighagen E, Martens M, Evelo C, Mombelli E, Taboureau O, Mantovani A, Hardy B, Koch B, Escher S, van Thriel C, Cadenas C, Kroese D, van de Water B, Hengstler JG. (2017) Adverse outcome pathways: opportunities, limitations and open questions. *Arch Toxicol*. 91: 3477-3505.
- Ammendolia MG, Iosi F, Maranghi F, Tassinari R, Cubadda F, Aureli F, Raggi A, Superti F, Mantovani A, De Berardis B (2017). Short-term oral exposure to low doses of nano-sized TiO₂ and potential modulatory effects on intestinal cells. *Food Chem Toxicol*. 102:63-75.
- Guerranti C, Perra G, Alessi E, Baroni D, Caserta D, Caserta D, De Sanctis A, Fanello EL, La Rocca C, Mariottini M, Renzi M, Tait S, Zaghi C, Mantovani A, Focardi SE. (2017) Biomonitoring of chemicals in biota of two wetland protected areas exposed to different levels of environmental impact: results of the "Previeni" project. *Environmental Monitoring and Assessment* 189(9):456. doi: 10.1007/s10661-017-6165-2.
- 6) 51) Medda E, Santini F, De Angelis S, Franzellin F, Fiumalbi C, Perico A, Gilardi E, Mechi MT, Marsili A, Citroni A, Leandri A, Mantovani A, Vitti P, Olivieri A (2017). Iodine nutritional status and thyroid effects of exposure to ethylenebisdithiocarbamates. *Environ Res*. 154:152-159.
- 52) Pelkonen O, Terron A, Hernandez AF, Menendez P, Bennekou SH; EFSA WG EPI1 and its other members (Angeli K, Fritsche E, Leist M, Mantovani A, Price A, Viviani B.) (2017). Chemical exposure and infant leukaemia: development of an adverse outcome pathway (AOP) for aetiology and risk assessment research. *Arch Toxicol*. 91:2763-2780
- 53) Rachid M., Zouhir D, Mantovani A (2018) Protective effect of *Nigella sativa* oil against Acetamiprid induced reproductive toxicity in male rats. *Drug and Chemical Toxicology* 41: 206-12.
- 54) Terron A, Bal-Price A, Paini A, Monnet-Tschudi F, Bennekou SH; EFSA WG EPI1 Members (Angeli K, Fritsche E, Mantovani A, Viviani B.) , Leist M, Schildknecht S (2018). An adverse outcome pathway for parkinsonian motor deficits associated with mitochondrial complex I inhibition. *Arch Toxicol*. 92: 41-8
- Solecki R, Bergman Å, Boobis A, Chahoud I, Degen G, Dietrich D, Greim H, Håkansson H, Hass U, Hu T, Jacobs M, Jobling S, Mantovani A, Marx-Stoelting P, Piersma A, Slama R, Stahlmann R, van den Berg M, Zoeller RT, Kortenkamp A. (2017) Scientific principles for the identification of endocrine disrupting chemicals - a consensus statement. *Archives of Toxicology* 91: 1001-5.

- 7) Taruscio D, Baldi F, Carbone P, Neville AJ, Rezza G, Rizzo C, Mantovani A. (2017). Primary Prevention of Congenital Anomalies: Special Focus on Environmental Chemicals and other Toxicants, Maternal Health and Health Services and Infectious Diseases. *Adv Exp Med Biol.* 1031:301-322.
- 8) Rasinger J.D, Carroll TS, Maranghi F, Tassinari R, Moracci G, Altieri I, Mantovani A, Lundebye A.-K., Hogstrand C. (2018) Low dose exposure to HBCD, CB-153 or TCDD induces histopathological and hormonal effects and changes in brain protein and gene expression in juvenile female BALB/c mice. *Reproductive Toxicology* 80:105-16.
- 40) Street ME, Angelini S, Bernasconi S, Burgio E, Cassio A, Catellani C, Cirillo F, Deodati A, Fabbrizi E, Fanos V, Gargano G, Grossi E, Iughetti L, Lazzaroni P, Mantovani A, Migliore L, Palanza P, Panzica G, AM, Parmigiani S, Predieri B, Sartori C, Tridenti G, Amarri S. (2018) Current knowledge on endocrine disrupting chemicals (EDCs) from animal biology to humans, from pregnancy to adulthood: highlights from a national Italian meeting. *International Journal of Molecular Sciences* un 2;19(6). pii: E1647. doi: 10.3390/ijms19061647.
- 9) Mantovani A (2018). Characterization and Management of Uncertainties in Toxicological Risk Assessment: Examples from the Opinions of the European Food Safety Authority. *Methods Mol Biol.* 1800: 219-29.
- 10) Manservigi F, Lesseur C, Panzacchi S, Mandrioli D, Falcioni L, Bua L, Manservigi M, Spinaci M, Galeati G, Mantovani A, Lorenzetti S, Miglio S, Andrade AM, Møbjerg Kristensen D, Perry MJ, Swan SH, Chen J, Belpoggi F (2019) The Ramazzini Institute 13-week pilot study on glyphosate-based herbicides administered at human-equivalent dose to Sprague Dawley rats: effects on development and endocrine system. *Environmental Health* (in press)

Altre pubblicazioni internazionali (capitoli di libri, rapporti tecnici, etc.)

- 1) Mantovani A., Cozzani R. (2006) Risk assessment of feed additives and contaminants. In "Towards a risk-based chain control. Vol.4- Food Safety assurance and veterinary public health" (ed. Frank J. Smulders), Wageningen Academic Publishers, the Netherlands, pp. 45-56.
- 2) Mantovani A., Maranghi F. (2007) Endpoints For Prenatal Exposures In Toxicological Studies. In *Congenital Diseases and the Environment* (Series: Environmental Science and Technology Library , Vol. 23, Nicolopoulou-Stamati, P.; Hens, L.; Howard, C.V. Eds.), Springer, Dordrecht (NL), pp. 21-36.
- 3) Rescia M., Mantovani A. (2007). Pesticides as Endocrine Disruptors: Identification of Hazards for Female Reproductive Function. In *Reproductive Health and the Environment. Series: Environmental Science and Technology Library, Vol. 22. Nicolopoulou-Stamati, P.; Hens, L.; Howard, C.V. (Eds.). Springer, Dordrecht (NL), pp. 227-48*
- 4) National Committee on Biosafety, Biotechnologies and Life Sciences (2010). Proposal for a Platform: Environment and Health. Priorities and objectives for the evaluation and management of the risk to human health and quality of the environment from exposure to endocrine disruptors. (Member of the Working Group) http://www.iss.it/binary/inte/cont/IE_Environment_and_Health.pdf
- 5) Independent Scientific Peer Review Panel Report. Evaluation of the LUMI-CELL® ER (BG1Luc ER TA) Test Method (member of Working Group organized by Interagency Coordinating Committee on the Validation of Alternative Methods –ICCVAM; National Toxicology Program Interagency Center for the Evaluation of Alternative Toxicological Methods –NICEATM; National Institute of Environmental Health Sciences –NIEHS). May 2011 http://iccvam.niehs.nih.gov/docs/endo_docs/EDPRPRpt2011.pdf
- 6) Mantovani A, Proietti I. Occurrence of endocrine disruptors in food chains. In: *Hormone-Disruptive Chemical Contaminants in Food* (ed by Ingemar Pongratz and Linda Bergander). Issues in Toxicology, n. 9. RSC Press, 2011, 199-215.
- 7) Frazzoli C., Mantovani A., Orisakwe O.E. (2011) Electronic Waste and Human Health. In Jerome Nriagu (Editor-in-Chief), *Encyclopedia of Environmental Health*. <http://media.matthewsbooks.com.s3.amazonaws.com/documents/tocwork/044/9780444522733.pdf>
- 8) Mantovani A. Endocrine Disruptors and Puberty Disorders from Mice to Men (and Women). In: *Endocrine Disruptors and Puberty* (ed. by Evanthia Diamanti-Kandarakis and Andrea C. Gore). *Contemporary Endocrinology Part 1*, Springer, 2012, 119-137,
- 9) Mantovani A. Chemical risk assessment of animal feed. In: *Animal feed contamination: Effects on livestock and food safety* (ed. by Johanna Fink-Gremmels). Woodhead Publishing Series in Food Science, Technology and Nutrition No. 215. 2012 <http://www.woodheadpublishing.com/en/book.aspx?bookID=1921>
- 10) C. Frazzoli, S. Lorenzetti, A. Mantovani "Sustainable food safety and trans-generational health outcomes in developing economies" (pp. 27-33); A. Mantovani "Feed for food: feed components at the food security-food safety interface" (pp. 52-9); G.B. Pouokam, G. Chukwuebuka Ajaezi, C. Frazzoli, O.E. Orisakwe, A. Mantovani "Dumping of banned baby bottles from advanced economies: an overlooked hazard for African infants?" (pp. 180-8). In: Frazzoli C, Asongalem EA, Orisakwe OE (Ed.). "Cameroon-Nigeria-Italy scientific cooperation: veterinary public health and sustainable food safety to promote "one health/one prevention". 2012. *Rapporti ISTISAN 12/49*, http://www.iss.it/binary/publ/cont/12_49_web.pdf
- 11) Cubadda F, Aureli F, D'Amato M, Raggi A, Mantovani A (eds). Conference. Nanomaterials in the food sector: new approaches for safety assessment. Rome, Istituto Superiore di Sanità. September 27, 2013. *Proceedings. 2013. Rapporti ISTISAN 13/48* http://www.iss.it/binary/publ/cont/13_48_web.pdf
- 12) EUROCAT - EUROPLAN. Recommendations on policies to be considered for the primary prevention of congenital anomalies in National Plans and Strategies on Rare Diseases (adopted by EUCERD in 2013) (Member of Working Group) http://www.eucerd.eu/wp-content/uploads/2013/03/Eurocat_Reco_PrimaryPrevention.pdf
- 13) Frazzoli C., Mantovani A. and Orisakwe O.E, Electronic Waste and Human Health, Reference Module in Earth Systems and Environmental Sciences, Elsevier, 2013 <http://www.sciencedirect.com/science/referenceworks/9780124095489>
- 14) Mantovani A. Emerging Contaminants. *The Analytical Scientist*, February 2013 http://issuu.com/theanalyticalscientist/docs/0213_tas_issue_2_-_web
- 15) Proietti I, Vu Hoang D, Mantovani A, Frazzoli C. Protecting Vietnamese street food. *The New Agriculturalist* May 2013 <http://www.newag.info/en/research/innovationItem.php?a=2984>

- 16) Italian Ministry for the Environment, Land and Sea; Istituto Superiore di Sanità. Knowing, reducing, preventing endocrine disrupters: a practical handbook. (2014) <http://www.iss.it/binary/inte/cont/DecalogoENG.pdf> (Member of the expert group preparing the document)
- 17) Lorenzetti S., Mantovani A. Reproductive and Developmental Toxicity Testing: issues for 3Rs implementation. Chapter 17 in : Reducing, Refining and Replacing the Use of Animals in Toxicity Testing (Ed.by Dave Allen and Mike D Waters) Series: Issues in Toxicology ISSN: 1757-7179, Royal Society of Chemistry, London, UK (2014) pp. 330-347.
- 18) Mantovani A. Toxic Cocktails . The Analytical Scientist, March 2014 <https://theanalyticalscientist.com/issues/0414/toxic-cocktails/>
- 19) Food and Agriculture Organization of the United Nations (FAO) and the World Health Organization (WHO). Executive summary of the report on Joint FAO/WHO expert meeting on hazards associated with animal feed. (12-15 May 2015, FAO). Codex Alimentarius Commission CAC/38 CRD/34 (Member of the Expert Group) ftp://ftp.fao.org/codex/Meetings/CAC/cac38/CRDs/cac38_CRD34x.pdf
- 20) Mantovani A, Lorenzetti S. LIFE-EDESIA: Endocrine Disruptors in silico/in vitro - Evaluation and Substitution for Industrial Applications. The Parliament Magazine Issue 436 | 13 June 2016:45. <https://www.theparliamentmagazine.eu/articles/magazines/issue-436-13-june-2016>

Pareri e documenti EFSA (cui si è dato un contributo di diretto come membro del gruppo di lavoro)

PPR Panel (Plant Protection Products and their Residues, 2012-15; <http://www.efsa.europa.eu/en/pesticides/pesticidesdocs.htm>).

- Identification of pesticides to be included in cumulative assessment groups on the basis of their toxicological profile (2013)
- Relevance of dissimilar mode of action and its appropriate application for cumulative risk assessment of pesticides residues (2013)
- Developmental neurotoxicity potential of acetamiprid and imidacloprid (2013)
 - Good modelling practice in the context of mechanistic effect models for risk assessment of plant protection products (2014)
 - Guidance on the establishment of the residue definition for dietary risk assessment (2016)
 - Investigation into experimental toxicological properties of plant protection products having a potential link to Parkinson's disease and childhood leukaemia (2017)

*FEEDAP Panel (Additives and Products or Substances used in Animal Feed; <http://www.efsa.europa.eu/en/panels/feedap.htm>): m
Trace elements in feeds*

- Cobalt compounds as additives in animal nutrition (2009);
- Cobalt carbonate as feed additive for ruminants, horses and rabbits (2012)
- Copper: inorganic compounds (2011)
- Copper, organic compounds (2008, 2009, 2013)
- Chromium (including chromium methione) as feed additive for all species (2009)
- Iodine in feedingstuffs (2005)
- Iodine compounds as feed additives for all animal species:(2013)
- Iron organic compounds (2013)
- Lancer (lanthanide citrate) as a zootechnical additive for weaned piglets (2016)
- Manganese inorganic compounds (2013),
- Manganese, organic compounds (2008, 2009, 2010, 2013)
- Selenium organic compounds (2007, 2009, 2011),
- Zinc inorganic compounds (2012)
- Zinc organic compounds (2008, 2009, 2012)

Vitamins and pro-vitamins in feeds

- Beta-carotene (2012)
- Vitamin A (stabilised retinyl esters) (2013)
- Vitamin D3 (cholecalciferol) (2013), in fish feed (2017)
- Vitamin E (2010)
- Vitamin K3 (2014)
- Betaine (2013)
- Biotin (2012)
- Folic acid (2012)
- Inositol (2014)
- Nicotinic acid and Nicotinamide (2012)
- Pantothenic acid and related compounds (2011)
- Taurine (2012)
- Vitamin B1 (2011)
- Vitamin B2 (2014)
- Vitamin B6 (2010)
- Vitamin C (2013)

Other feed additives and ingredients

- Benzoic Acid in different pig categories (2005, 2007, 2012)
- Preparation of benzoic acid and essential oil compounds as feed additive for chickens for fattening (2012).
- Hemp (Cannabis genus) for use as animal feed (2011)
- Phaseolus vulgaris lectins as a zootechnical additive for suckling piglets (2015Phaseolus vulgaris)

Solanum glaucophyllum standardised leaves as feed material (2015)
methylester of conjugated Linoleic acid (t10,c12 isomer) for pigs for fattening, sows and cows (2016)
l-Tryptophan produced by fermentation with Escherichia coli (2017)

Chesson A, Gropp J, Mantovani A, Roncancio C; Special issue: Ten years of EFSA's FEEDAP Panel and its main achievements. EFSA Journal 2012;10(10):s1005. [9 pp.].

- *Scientific Committee e Emerging Risks (EMRISK) Unit*

Existing approaches incorporating replacement, reduction and refinement of animal testing (2009)
Data collection for the identification of emerging risks related to food and feed (2011)
Exploring options for providing advice about possible human health risks based on the concept of Threshold of Toxicological Concern (TTC) (2012)
Technical Report "A systematic procedure for the identification of emerging chemical risks in the food and feed chain" (2014)
Technical Report. Identification of emerging risks: an appraisal of the procedure trialled by EFSA and the way forward (2015)

Altri Panel

- *Panel on Contaminants in the Food Chain (CONTAM)*

Health risks to consumers associated with exposure to organotins in foodstuffs (2004)

- *Panel on Food Contact Materials, Enzymes, Flavourings and Processing Aids (CEF)*

Bisphenol A: evaluation of a study investigating its neurodevelopmental toxicity, review of recent scientific literature on its toxicity and advice on the Danish risk assessment of Bisphenol A (2010)

- *Panel on Genetically Modified Organisms (GMO)*

Review of the Séralini et al. (2012) publication on a 2-year rodent feeding study with glyphosate formulations and GM maize NK603 as published online on 19 September 2012 in Food and Chemical Toxicology (Statement of EFSA, 2012: peer reviewer of statement)

Principali delaborati tecnici in italiano

Rapporti IstiSan

- 1) Calamandrei G, Venerosi Pesciolini A, La Rocca C, Mantovani A (a cura di). Interferenti endocrini: valutazione e prevenzione dei possibili rischi per la salute umana. 2009. Rapporti ISTISAN 09/18.
- 2) Mantovani A, Baldi F, Frazzoli C, Lorenzetti S, Maranghi F (a cura di). Modelli per la valutazione rischio-beneficio in sicurezza alimentare. 2012. Rapporti ISTISAN 12/50.
- 3) Granata O., Carbone P., Mantovani A., Taruscio D. (a cura di). Prevenzione primaria delle malformazioni congenite: attività del Network Italiano Promozione Acido Folico. 2013. Rapporti ISTISAN 13/28.

Comitato Nazionale Biosicurezza e Biotecnologie

- 1) La sorveglianza dell'esposizione a interferenti endocrini (componente del gruppo di lavoro che ha elaborato il documento) (2007)
http://www.governo.it/biotecnologie/documenti/interferenti_endocrini.pdf

Pareri del Comitato Nazionale Sicurezza Alimentare (componente del gruppo di lavoro che ha preparato i documenti)

- 1) Valutazione della melamina in alimenti e mangimi, Parere n. 3, 2009 (esperto esterno al CNSA)
- 2) Energy drinks e bevande alcoliche. Parere n. 5, 2012.
- 3) Rischio legato alla presenza di torio in matrici alimentari. Parere n. 10, 2013.
- 4) Problematiche Aflatossina M1 nei formaggi. Applicabilità dei coefficienti di trasformazione in equivalente latte (All. 2, D.M. 31 luglio 2003 del ministero delle Politiche Agricole e Forestali). Parere n. 13, 2013
- 5) Rischio legato alla presenza di acido erucico negli alimenti e nei mangimi. Parere n. 14, 2015

Brevetti

Co-autore (con C. Frazzoli -ISS-, R.Dragone -CNR- e L.Campanella - Università "La Sapienza") del brevetto ISS PCT (Bio)Sensors' system in Food Safety [BEST] (brevetto Italiano 2008- brevetto EU 2010)

Roma 10 Febbraio 2020

Alberto Mantovani

