

**FORMATO EUROPEO  
PER IL CURRICULUM  
VITAE**



**INFORMAZIONI PERSONALI**

Nome e Cognome SONIA RADICE  
E-mail radice.sonia@asst-fbf-sacco.it

**ESPERIENZA LAVORATIVA**

- Date gennaio 2011 – oggi
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
  - Tipo di impiego
- Principali mansioni e responsabilità

DAL 2011 A OGGI

UO ICPS, FARMACOVIGILANZA E RICERCA CLINICA, ASST-FBF-SACCO- PRESIDIO L. SACCO-POLO UNIVERSITARIO, VIA GB GRASSI 74, 20157, MILANO

DIRIGENTE BIOLOGO, FARMACOVIGILANZA

COORDINATRICE DEL SERVIZIO FARMACOVIGILANZA E COUNSELLING FARMACOLOGICO -UO ICPS, FARMACOVIGILANZA E RICERCA CLINICA, ASST-FBF-SACCO

- COORDINATRICE REGIONALE E MULTIREGIONALE PROGETTO MEAP (MONITORAGGIO DEGLI EVENTI AVVERSI NELLE POPOLAZIONI FRAGILI)
- COORDINATRICE LOCALE PROGETTI FARMACOVIGILANZA FINANZIATI DA AIFA/REGIONE
- PARTECIPA A PROGETTI DI RICERCA: FARMACOEPIDEMIOLOGIA - STUDI CLINICI RETROSPETTIVI/PROSPETTICI - REVISIONI DELLA LETTERATURA - ANALISI DI DATABASE INTERNAZIONALI DI FARMACOVIGILANZA

- Date gennaio 2007 – dicembre 2010
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
  - Tipo di impiego
- Principali mansioni e responsabilità

DAL 2006 A DICEMBRE 2010

UNIVERSITÀ DEGLI STUDI DI MILANO, DIPARTIMENTO DI SCIENZE CLINICHE L. SACCO, VIA GB GRASSI 74, 20157, MILANO

FARMACOVIGILANZA

COORDINATRICE DEL SERVIZIO FARMACOVIGILANZA DELL'UO DI FARMACOLOGIA CLINICA-DIPARTIMENTO DI SCIENZE CLINICHE L. SACCO

- COORDINATRICE PROGETTO MEAP (MONITORAGGIO DEGLI EVENTI AVVERSI IN PEDIATRIA) PER REGIONE LOMBARDIA
- COORDINATRICE LOCALE PROGETTO FARMAMONITO, MEREAFAPS, FARMAONCO, REACT

- Date (1992 – 2006)
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
  - Tipo di impiego
- Principali mansioni e responsabilità

DAL 1992 AL 2005

UNIVERSITÀ DEGLI STUDI DI MILANO, CATTEDRA DI TOSSICOLOGIA, DIPARTIMENTO DI FARMACOLOGIA, CHEMIOTERAPIA E TOSSICOLOGIA MEDICA “E. TRABUCCHI” “

RICERCA DI BASE E CLINICA IN AMBITO FARMACO TOSSICOLOGICO

RESPONSABILE DEL LABORATORIO DI FARMACOLOGIA E TOSSICOLOGIA

## ISTRUZIONE E FORMAZIONE

- Date (da – a)
- Nome e tipo di istituto di istruzione o formazione
- Principali materie / abilità professionali oggetto dello studio
  - Qualifica conseguita
- Livello nella classificazione nazionale (se pertinente)

MARZO 1997

UNIVERSITÀ DEGLI STUDI DI MILANO, CATTEDRA DI TOSSICOLOGIA, DIPARTIMENTO DI FARMACOLOGIA, CHEMIOTERAPIA E TOSSICOLOGIA MEDICA “E. TRABUCCHI”

SPECIALISTA CUM LAUDE IN TOSSICOLOGIA

- Date (da – a)
- Nome e tipo di istituto di istruzione o formazione
- Principali materie / abilità professionali oggetto dello studio
  - Qualifica conseguita
- Livello nella classificazione nazionale (se pertinente)

DAL 1992 AL 1995

UNIVERSITÀ DEGLI STUDI DI MILANO, CATTEDRA DI TOSSICOLOGIA, DIPARTIMENTO DI FARMACOLOGIA, CHEMIOTERAPIA E TOSSICOLOGIA MEDICA “E. TRABUCCHI”

BORSISTA CNR

- Date (da – a)
- Nome e tipo di istituto di istruzione o formazione
- Principali materie / abilità professionali oggetto dello studio
  - Qualifica conseguita
- Livello nella classificazione nazionale (se pertinente)

DAL 1991 AL 1992

UNIVERSITÀ DEGLI STUDI DI MILANO, PRESSO CATTEDRA DI TOSSICOLOGIA, DIPARTIMENTO DI FARMACOLOGIA, CHEMIOTERAPIA E TOSSICOLOGIA MEDICA “E. TRABUCCHI”

TIROCINANTE

- Date (da – a)
- Nome e tipo di istituto di istruzione o formazione
- Principali materie / abilità professionali oggetto dello studio
  - Qualifica conseguita
- Livello nella classificazione nazionale (se pertinente)

FEBBRAIO 1991

UNIVERSITÀ DEGLI STUDI DI MILANO, PRESSO CATTEDRA DI TOSSICOLOGIA, DIPARTIMENTO DI FARMACOLOGIA, CHEMIOTERAPIA E TOSSICOLOGIA MEDICA “E. TRABUCCHI”

LAUREA IN SCIENZE BIOLOGICHE

## CAPACITÀ E COMPETENZE

### PERSONALI

*Acquisite nel corso della vita e della carriera ma non necessariamente riconosciute da certificati e diplomi ufficiali.*

MADRELINGUA ITALIANA

ALTRE LINGUA

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

INGLESE

OTTIMA

BUONA

SUFFICIENTE

## CAPACITÀ E COMPETENZE

### RELAZIONALI

*Vivere e lavorare con altre persone, in ambiente multiculturale, occupando posti in cui la comunicazione è importante e in situazioni in cui è essenziale lavorare in squadra (ad es. cultura e sport), ecc.*

OTTIME E DOCUMENTATE CAPACITÀ RELAZIONALI ACQUISITE NEGLI ANNI

## CAPACITÀ E COMPETENZE

### ORGANIZZATIVE

*Ad es. coordinamento e amministrazione di persone, progetti, bilanci; sul posto di lavoro, in attività di volontariato (ad es. cultura e sport), a casa, ecc.*

HA DOCUMENTATE CAPACITÀ ORGANIZZATIVE IN CAMPO DI TOSSICOLOGICA, FARMACOLOGIA CLINICA E FARMACOVIGILANZA.

- HA COORDINATO DAL 1992 AL 2005 IL LABORATORIO DI RICERCA DI TOSSICOLOGIA DELLA FACOLTÀ MEDICA
- COORDINA LA SEZIONE DI FARMACOVIGILANZA DELLA UO ICPS, FARMACOVIGILANZA E RICERCA CLINICA DELL'ASST-FBF-SACCO, DIRETTA DAL PROF. CLEMENTI.
- COORDINA IL PROGETTO DI FARMACOVIGILANZA IN PEDIATRIA E GERIATRIA DELLA REGIONE LOMBARDIA
- COORDINA IL PROGETTO DI FARMACOVIGILANZA IN PEDIATRIA E GERIATRIA A LIVELLO NAZIONALE (FINANZIAMENTI AIFA)
- HA COORDINATO L'ATTIVITÀ DELL'A.O. LUIGI SACCO COME PARTECIPANTE A PROGETTI NAZIONALI DI FARMACOVIGILANZA (MEREAFAPS E FARMAMONITO, FARMAONCO, REACT)
- DAL 2011 AL 2014 E' STATO DOCENTE INCARICATO DI FARMACOLOGIA CLINICA NEL CORSO DI LAUREA MAGISTRALE IN MEDICINA E CHIRURGIA.
- DAL 2014 E' DOCENTE INCARICATO DI FARMACOLOGIA NEL CORSO DI LAUREA DI INFERMIERISTICA
- DAL 1998 A DICEMBRE 2006 È STATO DOCENTE INCARICATO DI TOSSICOLOGIA MEDICA NEL CORSO DI LAUREA IN OSTETRICIA DELL'UNIVERSITÀ DEGLI STUDI DI MILANO
- DAL 2013 È DOCENTE DEL MASTER IN FARMACOLOGIA CLINICA DELLA SECONDA UNIVERSITÀ DI NAPOLI
- DA GENNAIO 1999 A MARZO 2001 HA FATTO PARTE DEL CONSIGLIO DIRETTIVO DELL'ASSOCIAZIONE ITALIANA DI TOSSICOLOGIA IN VITRO
- RELATORE DI TESI SPERIMENTALI DI LAUREA, DI SPECIALITÀ E DI DOTTORATO
- HA COLLABORATO CON LA ALLA RIVISTA FARMACIA NEWS, PER LA STESURA DI ARTICOLI DI FARMACOLOGIA CLINICA E FARMACOVIGILANZA
- ORGANIZZA EVENTI SCIENTIFICI (CONGRESSI E GIORNATE E CORSI DI FORMAZIONE PROFESSIONALE PER GLI OPERATORI SANITARI)

**CAPACITÀ E COMPETENZE  
TECNICHE**

*Con computer, attrezzature  
specifiche, macchinari, ecc.*

STRUMENTI DI RICERCA IN FARMACOVIGILANZA: COSTRUZIONE ED ANALISI STATISTICA DI DATABASE,  
UTILIZZO INTERATTIVO DI BANCHE DATI OMS-MEA-FDA-AIFA- MINSAN-CLINICAL PHARMACOLOGY –  
MICROMEDEX -

METODICHE DI LABORATORIO: BIOCHIMICA, BIOLOGIA MOLECOLARE, COLTURE CELLULARI,  
FARMACOLOGIA CELLULARE

**PATENTE O PATENTI**

PATENTE ECDL E PATENTE B

**ULTERIORI INFORMAZIONI**

E' Autrice di 148 articoli su riviste internazionali indicizzate e nazionali (Hindex 27)  
E' stata ed è tuttora invited speaker in congressi nazionali di farmacologia e pediatria  
corsi di formazione specifici di farmacovigilanza e farmacologia clinica

Il/La sottoscritto/a, consapevole delle sanzioni penali previste, nel caso di dichiarazione mendace dall'Art. 26 della Legge n. 15/1968 e sulla tutela dei dati personali ai sensi dell'Art. 10 della Legge n. 675/1996 e successive, dichiara sotto la propria responsabilità che quanto sopra riportato corrisponde a verità.

Milano, 26-09-2024

## Capitoli di libri

- Chiesara E. e **Radice S.**, "Il metabolismo dei farmaci", capitolo 36, 458-473, da Trattato di Farmacologia e Terapia, UTET, Ed. F. Clementi e G. Fumagalli, 1996.
- **S. Radice** e E. Chiesara, "Le biotrasformazioni e il loro ruolo nella tossicità degli xenobiotici", capitolo 5, 52-62, da Trattato di Tossicologia molecolare e cellulare, UTET, Ed. G. Cantelli Forti, C.L. Galli, P. Hrelia, M. Marinovich, 2000.
- **Radice Sonia** e Francesco Clementi, "La Tossicologia", da "L'Universo del corpo", volume V, Enciclopedia Treccani, 649-654, 2000.
- Borghini R., Frigerio S. e **Radice S.**, "I veleni animali", da Trattato di Tossicologia Medica, UTET, Ed. E. Chiesara, P. Mannaioni, E. Marozzi,
- Chiesara E. e **Radice S.**, "Elementi di Tossicologia alimentare", da Sicurezza in alimentazione. Dal campo alla tavola. Eds. E. Lanzola e G. Piva, 53-62, 2004.

## Pubblicazioni/Abstract nazionali ed internazionali in extenso

- Marabini L., Chiesara E., **Radice S.**, "Interaction of Benomyl and Pirimiphos methyl mixture with mixed function oxidase in higher plants". Toxicology Letters, 1, 128-129, 1992.
- Chiesara E., Marabini L., **Radice S.**, Borghini R., "Biotrasformazioni a livello animale e vegetale: analogie e differenze". Invited lecture al "IX Congresso della Società Italiana di Tossicologia", 1992.
- Gervasoni M., Borghini R., Grassi Conti M., **Radice S.**, "Analisi della potenziale genotossicità di tre pesticidi organofosforici considerati singolarmente ed in miscela". Abstract del "Il Convegno Nazionale della Società Italiana di Mutagenesi Ambientale", 1993.
- Marabini L., **Radice S.**, Cipelletti B., Chiesara E., "Different amounts of cytochrome P450 dependent monooxygenases in tulip bulbs, pea seedlings and maize endosperm cells". Plant Science, 99, 135-140, 1994.
- **Radice S.**, Borghini R., Grassi Conti M., Gervasoni M. e Chiesara E., "Nuclear enlargement in HeLa cells induced by benomyl and pirymiphos-methyl separately and in mixture". The International Toxicologist, 7, 46, 1995.
- **Radice S.**, Marabini L., Cipelletti B. and Chiesara E., "Effect of benomyl on cytochrome P450 monooxygenases system in HepG2 cell line". ATLA, 24, 589-595. 1996.
- Marabini L., **Radice S.**, Chiesara E., Fantozzi P. e Montori L., "Valutazioni tossicologiche di proteine ottenute per estrazione da foglie di tabacco e ortica". Proceedings del "Il Congresso Italiano di Scienza e Tecnologia degli Alimenti", 330-340, 1995.
- Marinovich M., **Radice S.**, Ghilardi F., Marabini L., Cipelletti B., Gervasoni M., Galli C. L., "Effetti di alcuni pesticidi da soli ed in miscela su diversi sistemi cellulari". Atti del "Convegno Prevenzione e controllo dei fattori di malattia", FATMA S.P. 2, 1996.
- **Sonia Radice**, Giuseppe Rossoni, Giorgio Oriani, Michael Michael, Enzo Chiesara and Ferruccio Berti, "Hyperbaric oxygen worsens myocardial low flow ischemia-reperfusion injury in isolated rat heart". Proceedings of "International Joint Meeting on Hyperbaric and Underwater Medicine", 157-164, 1996.
- **Sonia Radice**, Laura Marabini, Enzo Chiesara, "Benomyl action on the monooxygenase system of HepG2 cell line is mediated by its metabolites". Toxicology Letters, 1/88, 30-31, 1996.
- Chiesara E., Marabini L., **Radice S.**, Gentile V., Nardini M., Tamassi G., Montanari L., Fantozzi P., "Toxicological and nutritional evaluation of leaf protein extracted from tobacco and nettle". Proceedings of the "Fifth International Congress on Leaf Protein research LEAFPRO-96", 128-147, 1996.
- **S. Radice**, L. Marabini e E. Chiesara, "Effetto del carbendazim e del n-butilisocianato sul sistema monoossigenasico di cellule HepG2". Atti del "IX Congresso SITOX", 58, 1996.
- **S. Radice**, G. Rossoni, E. Chiesara, G. Oriani, F. Berti, "Hyperbaric oxygen worsens myocardial low flow ischemia-reperfusion injury in isolated rat heart". Pharmacological research, 35, 86, 1997.
- **Sonia Radice**, Giuseppe Rossoni, Giorgio Oriani, Michael Michael, Enzo Chiesara and Ferruccio

- Berti, "Hyperbaric oxygen worsens myocardial ischemia and reperfusion injury in isolated rat heart". *European Journal of Pharmacology*, 320, 43-49, 1997.
- Giuseppe Rossoni, **Sonia Radice**, Micaela Bernareggi, Gianluca Polvani, Giorgio Oriani, Enzo Chiesara and Ferruccio Berti, "Influence of Acetylcysteine on aggravation of ischemic damage in ex vivo hearts of rats exposed to hyperbaric oxygen". *Arzneimittel-Forschung/Drug research*, 47, 710-715, 1997.
  - **Radice S.**, Cipelletti B., Chiesara E. and Marabini L., "Effect of Benomyl on cytochrome P450 and linked monooxygenases in primary cultured hepatocytes". *Pharmacological Research*, 35, 209, 1997
  - **Sonia Radice**, Laura Marabini, Marco Gervasoni, Michela Ferraris, Enzo Chiesara, "Carbendazim and n-butylisocyanate: metabolites responsible for benomyl double action on cytochrome P450 in HepG2 cells". *Toxicology*, 123, 135-142, 1997.
  - **Sonia Radice**, Laura Marabini and Enzo Chiesara, "Pesticide toxicity mechanism in human hepatoma HepG2 cells: vinclozolin and iprodione". *Pharmacology and Toxicology*, 80, 134, 1997.
  - **Radice S.**, Marabini L., Gervasoni M. e Chiesara E., "Lipoperossidazione indotta da vinclozolin e iprodione in cellule HepG2 e suoi meccanismi di protezione". *Atti del Congresso "Modelli e Meccanismi di Tossicità"*, 1997.
  - Ferraris M., Chiesara E., **Radice S.** e Dosanjih M.K., "Colture primarie di epatociti di pesce per lo studio del metabolismo e degli effetti di xenobiotici nell'ambiente acquatico: applicazioni della tecnica del criocongelamento". *Atti del Congresso "Modelli e Meccanismi di Tossicità"*, 1997.
  - Gervasoni M., Marabini L., **Radice S.** e Chiesara E., "Analisi struttura attività genotossica di diazabiciclotani nitroso derivati ad azione analgesica". *Atti del Congresso "Modelli e Meccanismi di Tossicità"*, 1997.
  - M. Ferraris, **S. Radice** and M.K. Dosanjit, "Cryopreservation of isolated trout hepatocytes: viability and function in primary culture". *Cryoletters*, 19, 55-64, 1998.
  - **S. Radice**, M. Bernareggi, E. Chiesara, G. Rossoni, G. Oriani and F. Berti, "Hyperbaric Oxygen treatment increases plasma exudation in tracheal tissues of rats. Effects of N Nitro-L-Arginine Methyl ester and N-Acetylcysteine". *Minerva Anestesiologica*, 64, 9, 79, 1998.
  - **S. Radice**, E. Chiesara, L. Marabini, M. Gervasoni and M. Ferraris, "Effect of the dicarboximide fungicides vinclozolin and iprodione in primary culture of trout hepatocytes". *Abstract del Congresso "SECOTOX"*, 26, 1998.
  - **Sonia Radice**, Laura Marabini, Marco Gervasoni, Michela Ferraris, Enzo Chiesara, "Adaptation to oxidative stress: effects of vinclozolin and iprodione on the HepG2 cell line". *Toxicology*, 129, 183-191, 1998.
  - E. Piatti, M. Righi, L. Marabini, **S. Radice** and E. Chiesara, "Stimulation of in vitro hepatocyte proliferation by conditioned medium obtained from an immortalized macrophage cell line". *Toxicology in Vitro*, 13, 475-481, 1999.
  - **S. Radice**, M. Bernareggi, G. Rossoni, G. Oriani, E. Chiesara and F. Berti, "Hyperbaric oxygen increases plasma exudation in rat trachea: involvement of nitric oxide". *British Journal of Pharmacology*, 126, 794-800, 1999.
  - M. Bernareggi, **S. Radice**, G. Rossoni, G. Oriani, E. Chiesara, F. Berti, "Hyperbaric oxygen increases plasma leakage in rat trachea: role of nitric oxide and free radicals". *Pharmacological Research*, 24, 1999.
  - M. Bernareggi, **S. Radice**, G. Rossoni, G. Oriani, E. Chiesara, F. Berti, "Acute carbon monoxide (CO) poisoning increases plasma leakage (PL) in rat airways: lack of a protective effect of hyperbaric oxygen (HBO) treatment". *European Respiratory Journal*, 156S, 1999.
  - **Sonia Radice**, Michela Ferraris, Laura Marabini, Simona Grande, Enzo Chiesara, "Effect of iprodione, a dicarboximide fungicide, on primary cultured rainbow trout (*Oncorhynchus mykiss*) hepatocytes". *Aquatic Toxicology*, 54, 51-58, 2001.
  - **S. Radice**, M. Ferraris, L. Marabini, E. Chiesara, "Estrogenic activity of procymidone in primary cultured rainbow trout hepatocytes (*Oncorhynchus mykiss*)". *Toxicology in Vitro*, 16, 475-480, 2002.
  - M. Ferraris, A. Flora, D. Fornasari, **S. Radice**, L. Marabini, S. Frigerio, E. Chiesara, "Response of rainbow trout (*Oncorhynchus mykiss*) D-11 cell line to 3-methylcholanthrene (3MC) exposure".

Toxicology in Vitro, 16, 365-374, 2002.

- Michela Ferraris, **Sonia Radice**, Paolo Catalani, Maura Francolini, Laura Marabini, Enzo Chiesara, "Early oxidative damage in primary cultured trout hepatocytes: a time course study". *Aquatic Toxicology*, 59, 283-296, 2002.
- L. Marabini, R. Fumagalli, **S. Radice**, S. Frigerio, M. Ferraris, E. Chiesara, "Toxicity evaluation of various drinking water disinfectants in HepG2 cells". *Toxicology Letters*, 135, S55, 2002.
- Albertini M., Lafortuna C.L., Clement M.G., Mazzola S., **Radice S.** and Hussain S.N.A., "Effect of NO synthase inhibition on cardiovascular and pulmonary dysfunction in a porcine short-term model of endotoxic shock". *Prostaglandin Leukotrienes and Essential Fatty Acids*, 67 (6): 367-374, 2002.
- E. Chiesara, S. Frigerio, R. Fumagalli, L. Marabini, **S. Radice**, M. Ferraris, "A high-throughput cell-based reporter gene system for measuring CYP1A1 induction by xenobiotics in drinking water". *Toxicology Letters*, 144, s169, 2003.
- S. Frigerio, **S. Radice**, M. Ferraris, R. Fumagalli, E. Chiesara, L. Marabini, "Genotoxicity evaluation of chlorinated drinking waters obtained from surface and water table in metabolically competent human cells (HepG2). *Toxicology Letters*, 144, s169, 2003.
- E. Chiesara, R. Fumagalli, M. Ferraris, S. Frigerio, L. Marabini, **S. Radice**, "Procymidone: characterisation of estrogen-like activity in the MCF-7 human breast cancer cell line". *Toxicology Letters*, 144, s180, 2003.
- **S. Radice**, R. Fumagalli, E. Chiesara, M. Ferraris, S. Frigerio, L. Marabini, "Estrogenic activity of procymidone in rainbow trout (*Oncorhynchus mykiss*) hepatocytes: a possible mechanism of action". *Chemico-Biological Interactions*, 147, 185-193, 2004.
- A. Buschini, P. Carboni, S. Frigerio, M. Furbini, L. Marabini, S. Monarca, P. Poli, **S. Radice**, C. Rossi. Genotoxicity and Cytotoxicity assessment in lake drinking water produced in a treatment plant. *Mutagenesis* 19 (5), 341-347, 2004.
- M. Ferraris, A. Flora, E. Chiesara, D. Fornasari, H. Lucchetti, L. Marabini, S. Frigerio, **S. Radice**. Molecular Mechanism of the Aryl Hydrocarbon Receptor Activation by the Fungicide Iprodione in rainbow trout (*Oncorhynchus mykiss*) hepatocytes. *Aquatic Toxicology* 72, 209-220, 2005.
- M. Ferraris, E. Chiesara, **S. Radice**, A. Giovara, S. Frigerio, R. Fumagalli, L. Marabini. Study of potential toxic effects on rainbow trout hepatocytes of surface water treated with chlorine or alternative disinfectants. *Chemosphere*, 60, 65-73, 2005.
- Laura Marabini, Silvia Frigerio, Enzo Chiesara, **Sonia Radice** (2006). Toxicity evaluation of surface water treated with treated with different disinfectants in HepG2 cells. *Water Research*, 40, 267-272, 2006.
- **Sonia Radice**, Enzo Chiesara, Silvia Frigerio, Roberta Fumagalli, Daniela Parolaro, Tiziana Rubino, Laura Marabini (2006). Estrogenic effect of procymidone through activation of MAPK in MCF-7 breast carcinoma cell line. *Life Sciences*, 78, 2716-2723.
- Marabini L, Frigerio S, Chiesara E, Maffei F, Cantelli Forti G, Hrelia P, Buschini A, Martino A, Poli P, Rossi C, **Radice S.** In vitro cytotoxicity and genotoxicity of chlorinated drinking waters sampled along the distribution system of two municipal networks. *Mutat Res.* 2007; 634(1-2):1-13.
- **Radice S**, Chiesara E, Fucile S, Marabini L. Different effects of PCB101, PCB118, PCB138 and PCB153 alone or mixed in MCF-7 breast cancer cells. *Food Chem Toxicol.* 2008; 46(7):2561-7.
- De Palma C, Falcone S, Panzeri C, **Radice S**, Bassi MT, Clementi E. Endothelial nitric oxide synthase overexpression by neuronal cells in neurodegeneration: a link between inflammation and neuroprotection. *J. Neurochem.* 2008 Jul; 106(1):193-204.
- Oteri A., Cattaneo MT, Filippazzi V., Ferrario S., Gambero A., Isabella L., Tosca N., Clementi E., **Radice S.**, Piazza E. A case of bullous dermatitis induced by Erlotinib. *The Oncologist*, 2009
- Oteri A., Bussolini A., Sacchi M., Clementi E., Zuccotti GV., **Radice S.** A case of atrial fibrillation induced by fluticasone propionate. *Pediatrics*, 126, 1237-1241, 2010
- Antoniazzi S., Oteri A., **Radice S.**, Clementi E. A case of atrial fibrillation induced by inhaled fluticasone propionate. V Convegno Monotematico SIF "La Farmacovigilanza e la farmacoutilizzazione come strumenti per l'appropriatezza prescrittivi: esperienze a confronto", Imola, 2010. Abstract, pp 12-13,

- Emilio Clementi, AlmaLisa Rivolta, Mauro Venegoni, Stefania Antoniazzi e **Sonia Radice**. L'importanza della segnalazione spontanea in pediatria: il progetto MEAP e l'esperienza lombarda. XIX Seminario Nazionale di Farmacoepidemiologia, ISS-Roma,2010
- **Radice S**, Milanese A, Antoniazzi S, Perrone V, Carnovale C, Clementi E. A case of haemorrhagic cystitis by inhaled salbutamol and salmeterol. *Eur J Clin Pharmacol*. 2011;67(11):1203-4.
- Napoleone E, **Radice S**. From pharmacovigilance to therapy amelioration in paediatric patients: the role of the clinical pharmacologists and family paediatricians. Part of a series on Paediatric Pharmacology, guest edited by Gianvincenzo Zuccotti, Emilio Clementi, and Massimo Molteni. *Pharmacol Res*. 2012;65(2):168-70.
- Antoniazzi S, Cattaneo D, Perrone V, Carnovale C, Cherubini S, Mugolino MC, Clementi F, Zuccotti G, Clementi E, **Radice S**. Inflammation and neurological adverse drugs reactions: a case of long lasting impaired consciousness after oxatomide administration in a patient with gastroenteritis. *Ital J Pediatr*. 2012;38(1):11.
- Pozzi M, Strazzer S, Locatelli F, Galbiati S, Formica F, Maestri L, Clementi E, **Radice S**. Case series: paradoxical action of domperidone leads to increased vomiting. *Eur J Clin Pharmacol*. 2013;69(2):289-90.
- **Radice S**, Carnovale C, Antoniazzi S, Zuccotti G, Perrone V, Piazza A, Clementi E. A case of recurrent acute haemorrhagic cystitis associated with salbutamol and beclomethasone use in a paediatric patient. *J Paediatr Child Health*. 2012;48(7):620-1
- Perrone V, Antoniazzi S, Carnovale C, Clementi E, **Radice S**, Ba G, Viganò C, Charitos S, Zabotto M, Spagnolo G, Clementi E. A case of Pisa syndrome during sertraline and quetiapine treatment. *J Neuropsychiatry Clin Neurosci*. 2012;24(3):E31-2.
- Carnovale C, Pozzi M, Nisic AA, Scrofani E, Perrone V, Antoniazzi S, Clementi E, **Radice S**. Sleep Disruption and Proprioceptive Delirium due to Acetaminophen in a Pediatric Patient. *Case Rep Pediatr*. 2013;2013:471294.
- Pellegrino P, Carnovale C, Borsadoli C, Danini T, Speciali A, Perrone V, Antoniazzi S, Pozzi M, Clementi E, **Radice S**. Two cases of hallucination in elderly patients due to a probable interaction between flu immunization and tramadol. *Eur J Clin Pharmacol*. 2013;69(8):1615-6.
- Pellegrino P, Carnovale C, Perrone V, Antoniazzi S, Pozzi M, Clementi E, **Radice S**. No evidence of a link between multiple sclerosis and the vaccine against the human papillomavirus. *Eur J Epidemiol*. 2013 Jul 18.
- Carnovale C, Conti V, Perrone V, Antoniazzi S, Pozzi M, Merlino L, Venegoni M, Clementi E, **Radice S**. Paediatric drug use with focus on off-label prescriptions in Lombardy and implications for therapeutic approaches. *Eur J Pediatr*. 2013
- Pozzi M, Bertella S, Cattaneo D, Molteni M, Perrone V, Carnovale C, Antoniazzi S, Clementi E, **Radice S**. Are non-serious adverse reactions to psychiatric drugs really non-serious? *J Child Adolesc Psychopharmacol*. 2013;23(6):394-400.
- Pellegrino P, Carnovale C, Perrone V, Antoniazzi S, Pozzi M, Clementi E, **Radice S**. Can HPV immunisation cause ADEM? Two case reports and literature review. *Mult Scler*. 2013
- Pellegrino P, Carnovale C, Cattaneo D, Perrone V, Antoniazzi S, Pozzi M, Napoleone E, Filograna MR, Clementi E, **Radice S**. Pharmacovigilance knowledge in family paediatricians. A survey study in Italy. *Health Policy*. 2013 Nov;113(1-2):216-20.
- Molteni M, Cattaneo D, Nobile M, **Radice S**, Clementi E. Potential Benefits and Limits of Psychopharmacological Therapies in Pervasive Developmental Disorders. *Curr Clin Pharmacol*. 2013
- Pellegrino P, Carnovale C, Perrone V, Pozzi M, Antoniazzi S, Clementi E, **Radice S**. Acute disseminated encephalomyelitis onset: evaluation based on vaccine adverse events reporting systems. *PLoS One*. 2013 Oct 16;8(10).
- Pellegrino P, Carnovale C, Perrone V, Salvati D, Gentili M, Brusadelli T, Antoniazzi S, Pozzi M, **Radice S**, Clementi E. Epidemiological analysis on two decades of hospitalisations for meningitis in the United States. *Eur J Clin Microbiol Infect Dis* 2014.
- Locatelli F, Pozzi M, Avantaggiato P, Lanfranchi M, Tufarulo L, Amorelli V, Rizzi G, **Radice S**, Galbiati S, Clementi E, Strazzer S. Pharyngeal spasticity due to dantrolene. *J Clin Pharm Ther*. 2014

- Pellegrino P, Carnovale C, Perrone V, Salvati D, Gentili M, Brusadelli T, Antoniazzi S, Pozzi M, Clementi E, **Radice S**. Kawasaki disease and pertussis epidemics. *Epidemiology* 2014; 25: 310-311.
- Pellegrino P, Carnovale C, Perrone V, Pozzi M, Salvati D, Gentili M, Brusadelli T, Antoniazzi S, **Radice S**, Clementi E. Effect of pharmacological treatment of osteoporosis in the prevention of pathological vertebral fractures. *Bone* 2014; 59: 148-149.
- Pellegrino P, Carnovale C, Perrone V, Salvati D, Gentili M, Antoniazzi S, Clementi E, **Radice S**. Human papillomavirus vaccine in patients with systemic lupus erythematosus. *Epidemiology* 2014; 25: 155-156.
- Pellegrino P, Carnovale C, Perrone V, Salvati D, Gentili M, Brusadelli T, Pozzi M, Antoniazzi S, Clementi E, **Radice S**. On the association between human papillomavirus vaccine and primary ovarian failure. *Am J Reprod Immunol* 2014; 71: 293-294.
- Pellegrino P, Carnovale C, Perrone V, Salvati D, Gentili M, Brusadelli T, Pozzi M, Antoniazzi S, Clementi E, **Radice S**. On the possible interaction between vaccines and drugs. *Eur J Clin Pharmacol* 2014; 70: 369-371.
- Pellegrino P, Carnovale C, Pozzi M, Antoniazzi S, Perrone V, Salvati D, Gentili M, Brusadelli T, Clementi E, **Radice S**. On the relationship between human papilloma virus vaccine and autoimmune diseases. *Autoimmun Rev* 2014; 13: 736-741.
- Pellegrino P, Carnovale C, **Radice S**, Clementi E. Influenza-like illness after yellow fever vaccination. *J Clin Virol* 2014.
- Pellegrino P, Clementi E, **Radice S**. Infections, vaccinations, drugs and interactions. *Eur J Clin Pharmacol* 2014.
- Pozzi M, Piccinini L, Giordano F, Carnovale C, Perrone V, Pellegrino P, Antoniazzi S, Turconi AC, **Radice S**, Clementi E. Dyskinesia caused by ziconotide-baclofen combination in an adolescent affected by cerebral palsy. *Reg Anesth Pain Med* 2014; 39: 172-173.
- Pozzi M, Locatelli F, Galbiati S, **Radice S**, Clementi E, Strazzer S. Clinical scales for Paroxysmal Sympathetic Hyperactivity in paediatric patients. *J Neurotrauma*. 2014 Jun 25.
- Carnovale C, Pellegrino P, Beretta S, Zuccotti GV, Perrone V, Antoniazzi S, Pozzi M, Clementi E, **Radice S**. A case of tinnitus induced by chlorpromazine in a pediatric patient. *J Pharmacol Pharmacother*. 2014 Apr;5(2):163-5.
- Pellegrino P, Carnovale C, **Radice S**, Clementi E. Late onset of vaccine-associated measles in adults. *Am J Med*. 2014 Aug;127(8)
- Pellegrino P, Clementi E, **Radice S**. Factor associated to Measles transmissibility in the United States. *Am J Epid* .
- Pellegrino P, Carnovale C, Perrone V, Pozzi M, Antoniazzi S, **Radice S**, Clementi E. Efficacy of vaccination against influenza in patients with multiple sclerosis: the role of concomitant therapies. *Vaccine*, 2014 Aug 20;32(37):4730-5.
- Pellegrino P, **Radice S**, Clementi E. Geoepidemiology of acute disseminated encephalomyelitis. *Epidemiology*. 2014 Nov;25(6):928-9.
- Carla Carnovale, Tatiana Brusadelli, GianVincenzo Zuccotti, Silvia Beretta, Maria Giuseppa Sullo, Annalisa Capuano, Francesco Rossi, Martina Moschini, Alessandro Mugelli, Alfredo Vannacci, Marcella Laterza, Emilio Clementi , **Sonia Radice**. On the importance of monitoring the adverse events in pediatric patients. The results of a national surveillance program in Italy. *Expert Opin Drug Saf*. 2014 Sep;13 Suppl 1:S1-8
- Carnovale C, Pellegrino P, Perrone V, Gentili M, Brusadelli T, Antoniazzi S, Speziali A, Borsadoli C, Pozzi M, Clementi E, **Radice S**. Establishing the correlation between statins and cough: case series report and analysis of adverse drug reactions in the international databases. *Eur J Clin Pharmacol*. 2014 Dec;70(12):1529-31.
- Pellegrino P, Clementi E, Capuano A, **Radice S**. Can vaccines interact with drug metabolism? *Pharmacol Res*. 2015 Feb;92:13-7. doi: 10.1016/j.phrs.2014.09.003. Epub 2014 Sep 26. Review.
- Degli Esposti L, Sangiorgi D, Perrone V, **Radice S**, Clementi E, Perone F, Buda S. Adherence and resource use among patients treated with biologic drugs: findings from BEETLE study. *Clinicoecon Outcomes Res*. 2014 Sep 18;6:401-7

- Pellegrino P, Falvella FS, Perrone V, Carnovale C, Brusadelli T, Pozzi M, Antoniazzi S, Cheli S, Perrotta C, Clementi E, **Radice S**. The first steps towards the era of personalised vaccinology: predicting adverse reactions. *Pharmacogenomics J*. 2014 Oct 7.
- Pozzi M, Conti V, Locatelli F, Galbiati S, **Radice S**, Citerio G, Clementi E, Strazzer S. Paroxysmal Sympathetic Hyperactivity in Pediatric Rehabilitation: Clinical Factors and Acute Pharmacological Management. *J Head Trauma Rehabil*. 2014 Oct 13
- Pellegrino P, Perrone V, Pozzi M, Carnovale C, Perrotta C, Clementi E, **Radice S**. The epidemiological profile of ASIA syndrome after HPV vaccination: an evaluation based on the Vaccine Adverse Event Reporting Systems. *Immunol Res*. 2015 Feb;61(1-2):90-6.
- Pellegrino P, **Radice S**, Clementi E. Acute disseminated encephalomyelitis following influenza vaccine. *Epidemiology*. 2015 Jan;26(1):e12-3.
- Pellegrino P, Capuano A, **Radice S**. On pharmacologist and vaccines: present and future challenges. *Pharmacol Res*. 2015 Feb;92:1. doi: 10.1016/j.phrs.20
- Pellegrino P, Perrone V, **Radice S**, Capuano A, Clementi E. Immunogenicity of meningococcal quadrivalent (serogroup A, C, W135 and Y) tetanus toxoid conjugate vaccine: systematic review and meta-analysis. *Pharmacol Res*. 2015 Feb;92:31-9.
- Pozzi M, Piccinini L, Gallo M, Motta F, **Radice S**, Clementi E. Treatment of motor and behavioural symptoms in three Lesch-Nyhan patients with intrathecal baclofen. *Orphanet J Rare Dis*. 2014 Dec
- Perrone V, Conti V, Venegoni M, Scotto S, Degli Esposti L, Sangiorgi D, Prestini L, **Radice S**, Clementi E, Vighi G. Seriousness, preventability, and burden impact of reported adverse drug reactions in Lombardy emergency departments: a retrospective 2-year characterization. *Clinicoecon Outcomes Res*. 2014 Dec 3;6:505-14
- Carnovale C, Brusadelli T, Casini ML, Renda F, Ruggieri S, Pimpinella G, **Radice S**, Clementi E. Drug-induced anaemia: a decade review of reporting to the Italian Pharmacovigilance database. *Int J Clin Pharm*. 2015 Feb;37(1):23-6
- Pozzi M, Galbiati S, Locatelli F, Granziera M, Santi M, Colombo D, Pellegrino P, **Radice S**, Clementi E, Strazzer S. Prevention of respiratory infections in tracheostomized patients of a pediatric long-term rehabilitation setting. *Am J Infect Control*. 2015 Apr 1;43(4):394-6.
- Brusadelli T, Carnovale C, Gentili M, Borsadoli C, Speziali A, Perrone V, Pellegrino P, Antoniazzi S, Pozzi M, **Radice S**, Clementi E. Throbbing headache associated with enoxaparin administration: a case report, a review of pharmacovigilance databases for similar cases and possible mechanisms. *J Clin Pharm Ther*. 2015 Jun;40(3):342-4.
- Pellegrino P, Falvella FS, Cheli S, Perrotta C, Clementi E, **Radice S**. The role of Toll-like receptor 4 polymorphisms in vaccine immune response. *Pharmacogenomics J*. 2015 Mar 31.
- Cho K, Clementi E, Levi-Schaffer F, Smalley KS, **Radice S**, Watts SW. Pharmacological research and precision cancer medicine: A call for manuscripts. *Pharmacol Res*. 2015 Dec;102:308-9.
- Cho K, Clementi E, Levi-Schaffer F, Smalley KS, **Radice S**, Watts SW. Introducing a checklist for manuscript submission to Pharmacological Research. *Pharmacol Res*. 2015 Dec;102:319-21.
- Pozzi M, Bertella S, Molteni M, Antoniazzi S, Carnovale C, Gentili M, Pellegrino P, Perrone V, Clementi E, **Radice S**. Restless Sleep in a Hyperactive Girl: A Paradoxical Adverse Reaction to Methylphenidate. *J Clin Psychopharmacol*. 2015 Dec;35(6):738-9.
- Pellegrino P, Perrotta C, Clementi E, **Radice S**. Vaccine-Drug Interactions: Cytokines, Cytochromes, and Molecular Mechanisms. *Drug Saf*. 2015 Sep;38(9):781-7.
- Pellegrino P, **Radice S**, Clementi E. The Authors Respond. *Epidemiology*. 2015 Sep;26(5):e57-8.
- Pellegrino P, **Radice S**, Clementi E. Immunogenicity and safety of the human papillomavirus vaccine in patients with autoimmune diseases: A systematic review. *Vaccine*. 2015 Jul 9;33(30):3444-9.
- Pellegrino P, Clementi E, **Radice S**. On vaccine's adjuvants and autoimmunity: Current evidence and future perspectives. *Autoimmun Rev*. 2015 Oct;14(10):880-8.
- Carnovale C, Brusadelli T, Casini ML, Renda F, Ruggieri S, Pimpinella G, **Radice S**, Clementi E. Drug-induced anaemia: a decade review of reporting to the Italian Pharmacovigilance database. *Int J Clin Pharm*. 2015 Feb;37(1):23-6.

- Fabiano V, Carnovale C, Gentili M, **Radice S**, Zuccotti GV, Clementi E, Perrotta C, Mameli C. Enalapril Associated with Furosemide Induced Acute Kidney Injury in an Infant with Heart Failure. A Case Report, a Revision of the Literature and a Pharmacovigilance Database Analysis. *Pharmacology*. 2016;97(1-2):38-42.
- Antoniazzi S, Carnovale C, Sessa A, Gentili M, Maticena M, Punginelli M, Clementi E, **Radice S**. Auditory and visual hallucinations after influenza vaccine: a case report. *Ther Adv Vaccines*. 2017 Feb;5(1):25-27.
- Carnovale C, Damavandi PT, Gentili M, Pozzi M, Antoniazzi S, **Radice S**, Clementi E. On the association between human papillomavirus vaccine and sleep disorders: Evaluation based on vaccine adverse events reporting systems. *J Neurol Sci*. 2017 Feb 15;373:179-181.
- Carnovale C, Gentili M, Maticena M, Dimov Di Giusti M, Krnic D, Dolinic B, Kolaric D, Margan Koletic Z, Macolic Sarinic V, Culjak M, Fortino I, Merlino L, Clementi E, **Radice S**. A retrospective review of paediatric adverse drug reactions reported in Lombardy and Croatia from 2005 to 2013. *Expert Opin Drug Saf*. 2016 Dec;15(sup2):35-43.
- Rafaniello C, Pozzi M, Pisano S, Ferrajolo C, Bertella S, Sportiello L, Carnovale C, Sullo MG, Cattaneo D, Gentili M, Rizzo R, Pascotto A, Mani E, Villa L, Riccio MP, Sperandeo S, Bernardini R, Bravaccio C, Clementi E, Molteni M, Rossi F, **Radice S**, Capuano A. Second generation antipsychotics in 'real-life' paediatric patients. Adverse drug reactions and clinical outcomes of drug switch. *Expert Opin Drug Saf*. 2016 Dec;15(sup2):1-8.
- Pozzi M, Pisano S, Bertella S, Capuano A, Rizzo R, Antoniazzi S, Auricchio F, Carnovale C, Cattaneo D, Ferrajolo C, Gentili M, Guastella G, Mani E, Rafaniello C, Riccio MP, Scuderi MG, Sperandeo S, Sportiello L, Villa L, **Radice S**, Clementi E, Rossi F, Pascotto A, Bernardini R, Molteni M, Bravaccio C. Persistence in Therapy With Risperidone and Aripiprazole in Pediatric Outpatients: A 2-Year Naturalistic Comparison. *J Clin Psychiatry*. 2016 Dec;77(12):e1601-e1609.
- Paroxysmal Sympathetic Hyperactivity in Pediatric Rehabilitation: Pathological Features and Scheduled Pharmacological Therapies. Pozzi M, Conti V, Locatelli F, Galbiati S, **Radice S**, Clementi E, Strazzer S. *J Head Trauma Rehabil*. 2017 Mar/Apr;32(2):117-124.
- Gentili M, Magni C, Carnovale C, Bolis M, Landonio S, Niero F, Antoniazzi S, Clementi E, **Radice S**. Breast Hypertrophy Induced by Ombitasvir/Paritaprevir/Ritonavir and Ribavirina. *Breast J*. 2016 Nov;22(6):708-709.
- Pisano S, Catone G, Veltri S, Lanzara V, Pozzi M, Clementi E, Iuliano R, Riccio MP, **Radice S**, Molteni M, Capuano A, Gritti A, Coppola G, Milone A, Bravaccio C, Masi G. Update on the safety of second generation antipsychotics in youths: a call for collaboration among paediatricians and child psychiatrists. *Ital J Pediatr*. 2016 May 21;42(1):51.
- Carnovale C, Gentili M, Fortino I, Merlino L, Clementi E, **Radice S**, ViGer Group. The importance of monitoring adverse drug reactions in elderly patients: the results of a long-term pharmacovigilance programme. *Expert Opin Drug Saf*. 2016;15(2):131-9.
- Carnovale C, Gentili M, Antoniazzi S, **Radice S**, Clementi E. Montelukast-induced metamorphopsia in a pediatric patient: A case report and a pharmacovigilance database analysis. *Ann Allergy Asthma Immunol*. 2016 Apr;116(4):370-1.
- Baldelli S, Cattaneo D, Pignatelli P, Perrone V, Pastori D, **Radice S**, Violi F, Clementi E. Validation of an LC-MS/MS method for the simultaneous quantification of dabigatran, rivaroxaban and apixaban in human plasma. *Bioanalysis*. 2016 Feb;8(4):275-83. doi: 10.4155/bio.15.261.
- Gentili M, Marinaccio PM, Galimberti C, Carnovale C, Antoniazzi S, Pozzi M, Clementi E, Viganò C, **Radice S**. A case of dysgraphia induced by sertraline and a review of official spontaneous adverse reaction databases. *J Clin Pharm Ther*. 2016 Feb;41(1):106-7.
- Pozzi M, **Radice S**, Clementi E, Molteni M, Nobile M. Antidepressants and, suicide and self-injury: Causal or casual association? *Int J Psychiatry Clin Pract*. 2016;20(1):47-51.
- Diphoorn J, Cazzaniga S, Gamba C, Schroeder J, Citterio A, Rivolta AL, Vighi GD, Naldi L; REACT-Lombardia study group. Incidence, causative factors and mortality rates of Stevens-Johnson syndrome (SJS) and toxic epidermal necrolysis (TEN) in northern Italy: data from the REACT registry. *Pharmacoepidemiol Drug Saf*. 2016 Feb;25(2):196-203
- Pozzi M, Cattaneo D, Baldelli S, Fucile S, Capuano A, Bravaccio C, Sportiello L, Bertella S, Auricchio F, Bernardini R, Ferrajolo C, Guastella G, Mani E, Carnovale C, Pisano S, Rafaniello C, Riccio MP, Rizzo R, Scuderi MG, Sperandeo S, Villa L, Pascotto A, Molteni M, Rossi F, **Radice S**,

- Clementi E. Therapeutic drug monitoring of second-generation antipsychotics in pediatric patients: an observational study in real-life settings. *Eur J Clin Pharmacol.* 2016 Mar;72(3):285-93
- Pozzi, M, Conti, V. Locatelli, F, Galbiati, S, **Radice, S.**, Clementi, E. Strazzer, S Paroxysmal sympathetic hyperactivity in pediatric rehabilitation: Pathological features and scheduled pharmacological therapies,32(2), pp. 117-12, 2017.
  - Carnovale, C., Damavandi, P.T, Gentili, M, Pozzi, M, Antoniazzi, **S., Radice**, Clementi, E. On the association between human papillomavirus vaccine and sleep disorders: Evaluation based on vaccine adverse events reporting systems. *Journal of the Neurological Sciences*, Volume 373, 15 February 2017, Pages 179-181.
  - Carnovale, C, Russo, S., Biondelli, G., Gentili M, Pozzi M, Antoniazzi S, **Radice, S.**, Clementi, E. Levocetirizine-induced psychiatric disorders in a pediatric patient: A case report and a pharmacovigilance database analysis. *Journal of Pharmacology and Pharmacotherapeutics*, Volume 8, Issue 2, April-June 2017, Pages 74-76.
  - Carnovale, C., Gentili, M., Antoniazzi, S., Clementi, E., **Radice, S.** Levetiracetam-induced rhabdomyolysis: Analysis of reports from the Food and Drug Administration's Adverse Event Reporting System database, *Muscle and Nerve*, Volume 56, Issue 6, December 2017, Pages E176-E178.
  - Carnovale, C., Raschi, E., Leonardi, L., Moretti, U., De Ponti, F., Gentili, M., Pozzi, M., Clementi, E., Poluzzi, E., **Radice, S.** No signal of interactions between influenza vaccines and drugs used for chronic diseases: a case-by-case analysis of the vaccine adverse event reporting system and vigibase. *Expert Review of Vaccines*, Volume 17, Issue 4, 3 April 2018, Pages 363-381.
  - Rafaniello, C., Sessa, M., Bernardi, F.F., Pozzi, M., Cheli, S., Cattaneo, D., Baldelli, S., Molteni, M., Bernardini, R., Rossi, F., Clementi, E., Bravaccio, C., **Radice, S.**, Capuano, A. The predictive value of ABCB1, ABCG2, CYP3A4/5 and CYP2D6 polymorphisms for risperidone and aripiprazole plasma concentrations and the occurrence of adverse drug reactions, *Pharmacogenomics Journal*, Volume 18, Issue 3, 22 May 2018, Pages 422-430.
  - Pozzi, M., Carnovale, C., Peeters, G.G.A.M., Gentili, M., Antoniazzi, S., **Radice, S.**, Clementi, E., Nobile, M. Adverse drug events related to mood and emotion in paediatric patients treated for ADHD: A meta-analysis. *Journal of Affective Disorders* Volume 238, 1 October 2018, Pages 161-178.
  - Pozzi M, Mazhar F, Peeters GGAM, Vantaggiato C, Nobile M, Clementi E, **Radice S**, Carnovale C. A systematic review of the antidepressant effects of glucagon-like peptide 1 (GLP-1) functional agonists: Further link between metabolism and psychopathology. *J Affect Disord.* 2019 May 28. pii: S0165-0327(19)30593-2.
  - Mazhar F, Pozzi M, Gentili M, Scatigna M, Clementi E, **Radice S**, Carnovale C. Association of Hyponatraemia and Antidepressant Drugs: A Pharmacovigilance-Pharmacodynamic Assessment Through an Analysis of the US Food and Drug Administration Adverse Event Reporting System (FAERS) Database. *CNS Drugs.* 2019 Jun;33(6):581-592.
  - Carnovale C, Gentili M, Magni C, Mazhar F, Mosini G, Clementi E, **Radice S.** The impact of a successful treatment of HCV on glyco-metabolic control in diabetic patients. *Antivir Ther.* 2019;24(2):147-149.
  - Carnovale C, Pozzi M, Dassano A, D'Addio F, Gentili M, Magni C, Clementi E, **Radice S**, Fiorina P. on glyco-metabolic control in diabetic patients: a systematic review and meta-analysis. *Acta Diabetol.* 2019 Mar;56(3):341-354.
  - Scavone C, Carnovale C, Ruggiero R, **Radice S**, Scatigna M, Racagni G, Mugelli A, Rossi F, Clementi E, Capuano A. On the Policy of the Italian Government in the Discovery, Development, and Access to Medicines. *Clin Ther.* 2018 Nov;40(11):1931-1940.
  - Pozzi M, Pisano S, Marano G, Carnovale C, Bravaccio C, Rafaniello C, Capuano A, Rossi F, Rizzo R, Bernardini R, Nobile M, Molteni M, Clementi E, Biganzoli E, **Radice S.** The impact of a successful treatment of hepatitis C virus Treated with Risperidone or Aripiprazole in a Naturalistic Setting. *J Child Adolesc Psychopharmacol.* 2019 Mar;29(2):133-140
  - Carnovale C, Mazhar F, Pozzi M, Gentili M, Clementi E, **Radice S.** A characterization and disproportionality analysis of medication error related adverse events reported to the FAERS database. *Expert Opin Drug Saf.* 2018 Dec;17(12):1161-1169.

- Carnovale C, Pozzi M, Mazhar F, Mosini G, Gentili M, Peeters GGAM, Clementi E, **Radice S**. Interactions Between Antiepileptic and Antibiotic Drugs: A Systematic Review and Meta-Analysis with Dosing Implications. *Clin Pharmacokinet*. 2018
- Carnovale C, Mahzar F, Scibelli S, Gentili M, Arzenton E, Moretti U, Leoni O, Pozzi M, Peeters GGAM, Clementi E, Medaglia M, **Radice S**. Central nervous system-active drug abused and overdose in children: a worldwide exploratory study using the WHO pharmacovigilance database. *Eur J Pediatr*. 2019 Feb;178(2):161-172.
- Pozzi M, Galbiati S, Locatelli F, Carnovale C, Gentili M, **Radice S**, Strazzer S, Clementi E. Severe acquired brain injury aetiologies, early clinical factors, and rehabilitation outcomes: a retrospective study on pediatric patients in rehabilitation. *Brain Inj*. 2019;33(12):1522-1528.
- Carnovale C, Dassano A, Mosini G, Mazhar F, D'Addio F, Pozzi M, **Radice S**, Fiorina P, Clementi E. *Acta Diabetol*. The  $\beta$ -cell effect of verapamil-based treatment in patients with type 2 diabetes: a systematic review. 2020 Feb;57(2):117-131.
- Carnovale C, Mosini G, Gringeri M, Battini V, Mazhar F, Pozzi M, Clementi E, **Radice S**. Interaction between paracetamol and lamotrigine: new insights from the FDA Adverse Event Reporting System (FAERS) database. *Eur J Clin Pharmacol*. 2019 Sep;75(9):1323-1325.
- Pozzi M, Carnovale C, Mazhar F, Peeters GGAM, Gentili M, Nobile M, **Radice S**, Clementi E. Adverse Drug Reactions Related to Mood and Emotion in Pediatric Patients Treated for Attention Deficit/Hyperactivity Disorder: A Comparative Analysis of the US Food and Drug Administration Adverse Event Reporting System Database. *J Clin Psychopharmacol*. 2019 Jul/Aug;39(4):386-392.
- Carnovale C, Mazhar F, Arzenton E, Moretti U, Pozzi M, Mosini G, Leoni O, Scatigna M, Clementi E, **Radice S**. Bullous pemphigoid induced by dipeptidyl peptidase-4 (DPP-4) inhibitors: a pharmacovigilance-pharmacodynamic/pharmacokinetic assessment through an analysis of the vigibase®. *Expert Opin Drug Saf*. 2019 Nov;18(11):1099-1108
- Carnovale C, Maffioli A, Zaffaroni G, Mazhar F, Battini V, Mosini G, Pozzi M, **Radice S**, Clementi E, Danelli P. *Expert Opin Biol Ther*. Efficacy of Tumour Necrosis Factor-alpha therapy in paediatric Crohn's disease patients with perianal lesions: a systematic review. 2020 Mar;20(3):239-251. Epub 2020 Jan 23.
- Carnovale C, Battini V, Mazhar F, Mosini G, Gringeri M, Vicenzi A, Clementi E, **Radice S**. Are dizziness-related symptoms signals for suboptimal treatment of hypothyroidism? New insights from the FDA adverse event reporting system (FAERS) database. *Eur J Clin Pharmacol*. 2020 May;76(5):733-734.
- Rafaniello C, Sullo MG, Carnovale C, Pozzi M, Stelitano B, **Radice S**, Bernardini R, Rossi F, Clementi E, Capuano A We Really Need Clear Guidelines and Recommendations for Safer and Proper Use of Aripiprazole and Risperidone in a Pediatric Population: Real-World Analysis of EudraVigilance Database. *Front Psychiatry*. 2020 Dec 2;11:550201.
- Mazhar F, Battini V, Pozzi M, Invernizzi E, Mosini G, Gringeri M, Capuano A, Scavone C, **Radice S**, Clementi E, Carnovale C. Changes in Anthropometric Parameters After Anti-TNF $\alpha$  Therapy in Inflammatory Bowel Disease: A Systematic Review and Meta-analysis. *BioDrugs*. 2020 Oct;34(5):649-668.
- Carnovale C, Lucenteforte E, Battini V, Mazhar F, Fornili M, Invernizzi E, Mosini G, Gringeri M, Capuano A, Scavone C, Nobile M, Vantaggiato C, Pisano S, Bravaccio C, **Radice S**, Clementi E, Pozzi M. Association between the glyco-metabolic adverse effects of antipsychotic drugs and their chemical and pharmacological profile: a network meta-analysis and regression. *Psychol Med*. 2021 Feb 24:1-13.
- Mazhar F, Battini V, Pozzi M, Invernizzi E, Mosini G, Gringeri M, Capuano A, Scavone C, **Radice S**, Clementi E, Carnovale C. Hyponatraemia following antipsychotic treatment: In-silico pharmacodynamics analysis of spontaneous reports from the US Food and Drug Administration Adverse Event Reporting System Database and an Updated Systematic Review *Int J Neuropsychopharmacol*. 2021 Feb 12:4
- Carnovale C, Tombetti E, Battini V, Mazhar F, **Radice S**, Nivuori M, Negro E, Tamanini S, Brucato A. Inflammasome Targeted Therapy in Pregnancy: New Insights From an Analysis of Real-World

- Data From the FAERS Database and a Systematic Review. *Front Pharmacol.* 2021 Jan 20;11:612259.
- Carnovale C, Gringeri M, Battini V, Mosini G, Invernizzi E, Mazhar F, Bergamaschi F, Fumagalli M, Zuccotti G, Clementi E, **Radice S**, Fabiano V Beta-blocker-associated hypoglycaemia: New insights from a real-world pharmacovigilance study. *Br J Clin Pharmacol.* 2021
  - Bergamaschi F, Fumagalli M, Mannarino S, Carlucci P, **Radice S**, Gringeri M, Mosini G, Carnovale C, Battini V, Fabiano V. Severe hypoglycemia in children treated with nadolol: A case report and FDA adverse event reporting system (FAERS) database analysis. *Int J Clin Pharmacol Ther.* 2021 Apr;59(4):333-340.
  - Pozzi M, Galbiati S, Locatelli F, Carnovale C, **Radice S**, Strazzer S, Clementi E Drug Use in Pediatric Patients Admitted to Rehabilitation For Severe Acquired Brain Injury: Analysis of the Associations With Rehabilitation Outcomes. *Paediatr Drugs.* 2021 Jan;23(1):75-86.
  - Ferraro S, Biganzoli G, Gringeri M, **Radice S**, Rizzuto AS, Carnovale C, Biganzoli EM, Clementi E. Managing folate deficiency implies filling the gap between laboratory and clinical assessment. *Clin Nutr.* 2022 Feb;41(2):374-383.12.012..
  - Mazhar F, Battini V, Gringeri M, Pozzi M, Mosini G, Marran AMN, Akram S, van Manen RP, **Radice S**, Clementi E, Carnovale C. The impact of anti-TNF $\alpha$  agents on weight-related changes: new insights from a real-world pharmacovigilance study using the FDA adverse event reporting system (FAERS) database. *Expert Opin Biol Ther.* 2021 Sep;21(9):1281-1290
  - Gringeri M, Mosini G, Battini V, Cammarata G, Guarnieri G, Carnovale C, Clementi E, **Radice S**. Preliminary evidence on the safety profile of BNT162b2 (Comirnaty): new insights from data analysis in EudraVigilance and adverse reaction reports from an Italian health facility. *Hum Vaccin Immunother.* 2021 Sep 2;17(9):2969-2971.
  - Carnovale C, Lucenteforte E, Battini V, Mazhar F, Fornili M, Invernizzi E, Mosini G, Gringeri M, Capuano A, Scavone C, Nobile M, Vantaggiato C, Pisano S, Bravaccio C, **Radice S**, Clementi E, Pozzi M Association between the glyco-metabolic adverse effects of antipsychotic drugs and their chemical and pharmacological profile: a network meta-analysis and regression. *Psychol Med.* 2021 Feb 24:1-13.
  - Mazhar F, Battini V, Pozzi M, Invernizzi E, Mosini G, Gringeri M, Capuano A, Scavone C, **Radice S**, Clementi E, Carnovale C. Hyponatremia Following Antipsychotic Treatment: In Silico Pharmacodynamics Analysis of Spontaneous Reports From the US Food and Drug Administration Adverse Event Reporting System Database and an Updated Systematic Review. *Int J Neuropsychopharmacol.* 2021 Jul 14;24(6):477-489.
  - Carla Carnovale, Michele Gringeri, Vera Battini, Giulia Mosini, Elena Invernizzi, Faizan Mazhar, Francesco Bergamaschi, Mara Fumagalli, Gianvincenzo Zuccotti, Emilio Clementi, **Sonia Radice**, Valentina Fabiano. Beta-blocker-associated hypoglycaemia: New insights from a real-world pharmacovigilance study. *British Journal of Clinical Pharmacology* 87(8), pp. 3320-3331, 2021
  - Marco Pozzi, Roberta Ida Ferrentino, Giulia Scrinzi, Cristina Scavone, Annalisa Capuano, **Sonia Radice**, Maria Nobile, Pietro Formisano, Emilio Clementi, Carmela Bravaccio, Carla Carnovale, Simone Pisano. Weight and body mass index increase in children and adolescents exposed to antipsychotic drugs in non-interventional settings: a meta-analysis and meta-regression. *Eur Child Adolesc Psychiatry.* 31(1):21-37. 2022
  - Gringeri M, Battini V, Cammarata G, Mosini G, Guarnieri G, Leoni C, Pozzi M, **Radice S**, Clementi E, Carnovale C. Herpes zoster and simplex reactivation following COVID-19 vaccination: new insights from a vaccine adverse event reporting system (VAERS) database analysis. *Expert Review of Vaccines,* 21(5), pp. 675-684. 2022
  - Simona Ferraro, Giacomo Biganzoli, Michele Gringeri, **Sonia Radice**, Alessandra Stefania Rizzuto, Carla Carnovale, Elia Mario Biganzoli, Emilio Clementi. Managing folate deficiency implies filling the gap between laboratory and clinical assessment. *Clin Nutr.,* 41(2):374-383. 2022
  - Vera Battini, Alessandra Mari, Michele Gringeri, Francesca Casini, Francesco Bergamaschi, Giulia Mosini, Greta Guarnieri, Marco Pozzi, Maria Nobile, Gianvincenzo Zuccotti, Emilio Clementi, **Sonia Radice**, Valentina Fabiano, Carla Carnovale. Antibiotic-Induced Neutropenia in Pediatric Patients: New Insights From Pharmacoepidemiological Analyses and a Systematic Review. *Front Pharmacol.*13:877932. 2022

- Vera Battini, Robbert P Van Manen, Michele Gringeri, Giulia Mosini, Greta Guarnieri, Anna Bombelli, Marco Pozzi, Maria Nobile, **Sonia Radice**, Emilio Clementi, Carla Carnovale. The potential antidepressant effect of antidiabetic agents: New insights from a pharmacovigilance study based on data from the reporting system databases FAERS and VigiBase. *Front Pharmacol.*14:1128387. 2023
- Vera Battini, Sara Rocca, Greta Guarnieri, Anna Bombelli, Michele Gringeri, Giulia Mosini, Marco Pozzi, Maria Nobile, **Sonia Radice**, Emilio Clementi, Antonio Schindler, Carla Carnovale, Nicole Pizzorni. On the potential of drug repurposing in dysphagia treatment: New insights from a real-world pharmacovigilance study and a systematic review. *Front Pharmacol.*14:1057301. 2023
- Michele Fusaroli, Valentina Giunchi, Vera Battini, Michele Gringeri, Roberto Rimondini, Marco Menchetti, **Sonia Radice**, Marco Pozzi, Maria Nobile, Emilio Clementi, Fabrizio De Ponti, Carla Carnovale, Emanuel Raschi, Elisabetta Poluzzi. Exploring the underlying mechanisms of drug-induced impulse control disorders: a pharmacovigilance-pharmacodynamic study. *Psychiatry and Clinical Neurosciences.* 77(3), pp. 160-167. 2023
- Bombelli, A., Guarnieri, G., Lombardi, N., **Radice, S.**, Clementi, E. Two Years of Active Pharmacovigilance Surveillance and Therapeutic Reconciliation in Frail Populations: The MEAP 3.0 Study. *Journal of Clinical Medicine*, 2023, 12(23), 7447
- Fusaroli, M., Giunchi, V., Battini, V., **Radice S.**, Raschi, E., Poluzzi, E. Exploring the underlying mechanisms of drug-induced impulse control disorders: a pharmacovigilance-pharmacodynamic study. *Psychiatry and Clinical Neurosciences*, 2023, 77(3), pp. 160–167