

PERSONAL INFORMATION

Marinella Palmiotto



✉ marinella.palmiotto@libero.it; marinella.palmiotto@asst-fbf-sacco.it

Date of birth 09/06/1981 | Nationality Italian

WORK EXPERIENCE

january 2014 - actually

International Centre for Pesticides and Health Risk Prevention (ICPS)

“Luigi Sacco” Hospital of Milan, Via G.B. Grassi 74 20157 Milan, Italy

- Risk assessment of pesticides for national and european registration for Metabolism and Residue section:
 - examination the proposed conditions of use of the plant protection product
 - evaluation of residue levels in edible crops or in products of animal origin
 - evaluation of consumer exposure to pesticide residues through the diet (food or drinking water) using EFSA PRIMo model and health risk.
 - Preparation of national dossiers, Draft Assessment Reports (DAR) and evaluation reports on MRLs modification at EU level.
 - Participation to EFSA expert meetings (PRAPER meetings) for residue section.

Business or sector Risk assessment, public health

may 2008 - january 2014

IRCCS Mario Negri Institute for Pharmacological Research - Istituto di Ricerche Farmacologiche Mario Negri

Pharmacological and Environmental research institute
Via La Masa 19, 20156, Milan, Italy

- Risk assessment studies to evaluate the health impact caused by the exposure to environmental pollutants.
- Development of analytical methods and quantitative measurement of persistent environmental pollutants (PAHs, PBDDs, PBDFs, PCDDs, PCDFs, PCBs) by HRGC/HRMS and GC/MS in environmental samples.
- Development of analytical methods for UV filters (BP4, BP3, 4MBC, PBSA) alkylphenols, and disinfectants identification and quantification in water by HPLC/MS.

Business or sector Environmental Health Sciences

EDUCATION AND TRAINING

may 2008 - july 2011

Post graduate school of professional education in Pharmacological Research

IRCCS Mario Negri Institute for Pharmacological Research - Istituto di Ricerche Farmacologiche Mario Negri

- Research activity in the field of human and environmental risk assessment
- Development of analytical methods and quantitative measurement of persistent environmental pollutants in environmental samples.

january 2008 - may 2009

Master in Risk Assessment and Management of Environmental Pollutants

University of Pavia, Italy

Human health risk assessment, evaluation of pollutants exposure and health consequences

december 2003-may 2006

Master's Degree in Biodiversity and Evolutionary Biology

University of Milan, Italy

- Biodiversity, zoology, ecology, ethology, evolutionary biology

september 2000 - december 2003

Bachelor's Degree in Biology

University of Milan, Italy

- Zoology, human anatomy, physiology, cytology, histology, genetic, botany, chemistry.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
	Replace with name of language certificate. Enter level if known.				
French	A2	B1	A2	A2	A2
	Replace with name of language certificate. Enter level if known.				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Good scientific communication skills gained through my experience as researcher to the IRCCS Mario Negri Institute for Pharmacological Research, Milan, Italy.

Organisational / managerial skills Good organizational skills gained through the participation in research project.

Job-related skills Laboratory instruments: HRGC/HRMS (MAT 95 XP coupled with a TRACE GC 2000), LRGC/MS-MS (Agilent 5973 interfaced to an Agilent 6890 GC), LTQ Orbitrap XL (Thermo Scientific), HPLC/MS-MS (API 3000, Agilent).
Instrumental software: Agilent ChemStation, Thermo Xcalibur, Trilution[®]LC, Analyst[®]AB SCIEX.
Extraction systems: soxhlet, ASE, SPE, SPME.

Computer skills good command of Microsoft Office™ tools (word, excel, PowerPoint), Adobe Photoshop, VegaNIC, AERMOD Modeling System.

Driving licence Driving licence category B

ADDITIONAL INFORMATION

Publications

- M. Palmiotto, S.Castiglioni, E. Zuccato, A.Manenti, F. Riva, E. Davoli. Personal care products in surface, ground and wastewater of a complex aquifer system, a potential planning tool for contemporary urban settings, 2018. Journal of Environmental Management, Accepted.
- S.Castiglioni, E. Davoli, F. Riva, M. Palmiotto, P. Camporini, A.Manenti, E. Zuccato, 2015. Mass balance of emerging contaminants in the water cycle of an highly urbanized and industrialized area of Italy, 2018. Water Research, in Press.
- M.Palmiotto, G. Bianchi, L.Brunelli, M. Lualdi, C. Lezzi, A.Manenti, E. Davoli. Safety Evaluation of New Polymer Materials Proposed for Relining Drinking Water Pipes in the city of Milano, 2015. International Journal of Analytical Mass Spectrometry and Chromatography, 3: 63-79.
- S.Castiglioni, S. Valsecchi, S. Polesiello, M. Rusconi, M. Melis, M.Palmiotto, A.Manenti, E.Davoli, E. Zuccato, 2015. Sources and fate of perfluorinated compounds in the aqueous environment and drinking water of a highly urbanized and industrial area in Italy. Journal of Hazardous Materials, 282: 51-60.
- M. Palmiotto, E. Fattore, V. Paiano, G. Celeste, A. Colombo, E. Davoli, 2014. *Influence of a municipal solid waste landfill in the surrounding environment: toxicological risk and odour nuisance effects*. Environment International, 68: 16-24.
- M. Palmiotto, A. Colombo, E. Davoli, 2013. *A GC/MS–MS Versus GC/HRMS Dioxin Analysis Comparison. Some Critical Considerations for Low-Level Environmental Samples*. Advances techniques in gas chromatography-mass spectrometry (GC-MS-MS and GC-TOF-MS) for environmental chemistry. Vol. 61, Pages 2-502, Edited by Imma Ferrer and E. Michael Thurman.
- G. Bianchi, M. Palmiotto, M. Giavini, E. Davoli, 2013. *Environmental Odor Pollution: A Complex GC–MS, Olfactometry and Diffusion Modeling Approach to Define Air Quality*. Advances techniques in gas chromatography-mass spectrometry (GC-MS-MS and GC-TOF-MS) for environmental chemistry. Vol. 61, Pages 2-502, Edited by Imma Ferrer and E. Michael Thurman.
- V. Paiano, C. Generoso, A. Mandich, I. Traversi, M. Palmiotto, R. Bagnati, A. Colombo, E. Davoli, R. Fanelli, and E. Fattore, 2013. *Persistent organic pollutants in farmed sea bass (Dicentrarchus labrax L.) in two different rearing systems in the Mediterranean Sea*. Chemosphere, 93(2):338-43.
- E. Davoli, E. Zuccato, G. Bianchi, M. Palmiotto, M. Il Grande, S. Bonati, A. N. Rossi, 2012. *Dynamic Olfactometry and Potential Sample Toxicity. Guidelines for a Safe Occupational Health Approach*. Chemical Engineering Transactions. Vol 30.
- E. Davoli, E. Fattore, V. Paiano, A. Colombo, M. Palmiotto, A. N. Rossi, M. Il Grande, R. Fanelli, 2010. *Waste Management health risk assessment: a case study of a solid waste landfill in South Italy*. Waste Manage. 30: 1608-1613.

Presentations

- Oral: *Influence of a municipal solid waste landfill in the surrounding environment: toxicological risk and odour nuisance effects* – at the Mario Negri Institute for pharmacological research, Milan, Italy.
- Oral: *Evaluation of the safety of new materials proposed for relining drinking water pipes in the city of Milan* – at the Mario Negri Institute for pharmacological research, Milan, Italy
- Poster: M. Palmiotto, G. Bianchi, M. Lualdi, C. Lezzi and E. Davoli. "Evaluation of the safety of new materials proposed for relining drinking water pipes in the city of Milan". 3MS Food Day, Trento, Italy 2013.
- Poster: E. Davoli, G. Bianchi, M. Palmiotto, M.Salmona, L. Diomedede. "A new method for the determination of BHA in chewing gums". 3MS Food Day, Trento, Italy 2013.
- Poster: E. Davoli, E. Fattore, M. Palmiotto, V. Paiano, A.N Rossi, M. Il Grande, M. Giorgi, B. Burgio, G. Schembre and R. Varsalona. "Health risk assessment in waste management: temporal evolution in a solid waste landfill". SARDINIA 2013, Italy.
- Poster: E. Davoli, E. Fattore, M. Palmiotto, V. Paiano, G. Celeste, M. Bonati. "Exposure assessment of waste management: results from a multi year follow-up of solid waste landfills" International Society for Environmental Epidemiology (ISEE), Barcelona 2011
- Poster: M. Palmiotto, V. Paiano, G. Celeste, E. Fattore and E. Davoli. "Influence of a municipal solid waste landfill in the surrounding environment: toxicological risk and odour nuisance effects". SETAC, Milan 2011
- Poster : V. Paiano, C. Generoso, A. Mandich, I. Traversi, M. Palmiotto, R. Bagnati, A. Colombo, E. Davoli, R. Fanelli, and E. Fattore "Persistent organic pollutants in farmed sea bass (*Dicentrarchus labrax L.*) in two different rearing systems in the Mediterranean Sea". SETAC, Milan, 2011
- Poster: E. Davoli, E. Fattore, M. Palmiotto, V. Paiano, G. Celeste, R. Fanelli, A. N. Rossi, M. Il Grande, M. Giorgi, B. Burgio, G. Schembre, P. A. Tuttolomondo. *Integrated risk assessment of waste management: results from a two year follow-up of a solid waste landfill*. In: Twelfth International Waste Management and Landfill Symposium 5-9 October 2009. S. Margherita di Pula (Cagliari), Sardinia, Italy.

Projects

- FISR, in collaboration with ISS – evaluation of the Italian fish quality – analysis of PCDD/Fs and PCBs in edible portion of fish.
- Cariplo – development of analytical methods for the quantification of UV filters from personal care products, caffeine, nicotine and metabolites, alkylphenols, and disinfectants in wastewater by HPLC/MS.
- "Safe Pipe" – Evaluation of the safety of new materials proposed for relining drinking water pipes in the city of Milan.



Curriculum Vitae

Replace with First name(s) Surname(s)