

CURRICULUM VITAE



PERSONAL INFORMATIONS

Surname(s) / First name(s) **LUINI MARA**

Address (es) //

Telephone(s) // *Mobile:* //

E-mail (s) mara.luini@gmail.com

Nationality Italian

Date of birth 24/05/1984

WORK EXPERIENCE

Date **October 2017 ó April 2019**

Occupation or position held Tecnologo

Main activities and responsibilities Dossiers evaluation (fate and behaviour section) in the context of Reg.1107 EU

Name and address of employer Università degli Studi di Milano - Il Dipartimento di Scienze Biomediche e Cliniche
L. Sacco

Type of business or sector University

Date **March 2017**

Occupation or position held Self employed

Main activities and responsibilities Train PPP dossier evaluators and administrative staff on risk management and dossier management (**Twinning Project - Bosnia BA/12/IB/AG 01**)

Name and address of employer Informest

Type of business or sector -

Date **February 2017 ó October 2017**

Occupation or position held Self employed

Main activities and responsibilities Dossiers evaluation (fate and behaviour section) in the context of Reg.1107 EU

Name and address of employer ICPS (International Centre for Pesticides and Health Risk Prevention)
Ospedale L. Sacco - Azienda Ospedaliera Polo Universitario
Via G.B. Grassi 74
20157 Milano

Type of business or sector ICPS centre works as a Collaborating Centre on Occupational Health, specialized in the pesticide area, for the preventive and safety programmes of the WHO.

Date **September 2016**

Occupation or position held Project Contract

Main activities and responsibilities Train PPP dossier evaluators and administrative staff on risk management and dossier management (**Twinning Project - Bosnia BA/12/IB/AG 01**)

Name and address of employer Informest

Type of business or sector -

Date **June 2016**

<i>Occupation or position held</i>	Project Contract
<i>Main activities and responsibilities</i>	Evaluation of the completeness of environmental fate studies of a chemical compound
<i>Name and address of employer</i>	Vitalia Biocides Consulting srl Via Gramsci 22, 43036 Fidenza (PR)
<i>Type of business or sector</i>	-
<i>Date</i>	June 2016 ó September 2016
<i>Occupation or position held</i>	Project Contract
<i>Main activities and responsibilities</i>	Dossiers evaluation (fate and behaviour section) in the context of Reg.1107 EU
<i>Name and address of employer</i>	Università degli Studi di Milano - Il Dipartimento di Scienze Biomediche e Cliniche L. Sacco
<i>Date</i>	February 2016 ó December 2016
<i>Occupation or position held</i>	Project Contract
<i>Main activities and responsibilities</i>	Dossiers evaluation (fate and behaviour section) in the context of Reg.1107 EU
<i>Name and address of employer</i>	ICPS (International Centre for Pesticides and Health Risk Prevention) Ospedale L. Sacco - Azienda Ospedaliera Polo Universitario Via G.B. Grassi 74 20157 Milano
<i>Type of business or sector</i>	ICPS centre works as a Collaborating Centre on Occupational Health, specialized in the pesticide area, for the preventive and safety programmes of the WHO.
<i>Date</i>	January 2015- January 2016
<i>Occupation or position held</i>	Project Contract
<i>Main activities and responsibilities</i>	Dossiers evaluation (fate and behaviour section) in the context of Reg.1107 EU
<i>Name and address of employer</i>	ICPS (International Centre for Pesticides and Health Risk Prevention) Ospedale L. Sacco - Azienda Ospedaliera Polo Universitario Via Stephenson, 94 20157 Milano
<i>Type of business or sector</i>	ICPS centre works as a Collaborating Centre on Occupational Health, specialized in the pesticide area, for the preventive and safety programmes of the WHO.
<i>Date</i>	January 2014 ó March 2014
<i>Occupation or position held</i>	Project Contract
<i>Main activities and responsibilities</i>	Dossiers evaluation (fate and behaviour section) in the context of Reg.1107 EU
<i>Name and address of employer</i>	Università degli Studi di Milano - Il Dipartimento di Scienze Biomediche e Cliniche L. Sacco
<i>Type of business or sector</i>	University
<i>Date</i>	October 2013 ó December 2014
<i>Occupation or position held</i>	Permanent contract as HACCP technician
<i>Main activities and responsibilities</i>	Technician HACCP (<i>Hazard Analysis and Critical Control Point</i>) and work safety
<i>Name and address of employer</i>	Ermolli Riccardo Piazza Milite Ignoto, 12 21100 ó Varese- Italy
<i>Date</i>	April 2013- September 2013
<i>Occupation or position held</i>	Project Contract
<i>Main activities and responsibilities</i>	Dossiers evaluation (fate and behaviour section) in the context of directive 91/ 414/ EEC.

<i>Name and address of employer</i>	ICPS (International Centre for Pesticides and Health Risk Prevention) Ospedale L. Sacco - Azienda Ospedaliera Polo Universitario Via Stephenson, 94 20157 Milano
<i>Type of business or sector</i>	ICPS centre works as a Collaborating Centre on Occupational Health, specialized in the pesticide area, for the preventive and safety programmes of the WHO.
<i>Date</i>	January 2012 ó January 2013
<i>Occupation or position held</i>	Project Contract
<i>Main activities and responsibilities</i>	Dossiers evaluation (fate and behaviour section) in the context of directive 91/ 414/ EEC.
<i>Name and address of employer</i>	ICPS (International Centre for Pesticides and Health Risk Prevention) Ospedale L. Sacco - Azienda Ospedaliera Polo Universitario Via Stephenson, 94 20157 Milano
<i>Type of business or sector</i>	ICPS centre works as a Collaborating Centre on Occupational Health, specialized in the pesticide area, for the preventive and safety programmes of the WHO.
<i>Date</i>	February 2011 ó December 2011
<i>Occupation or position held</i>	Fellowship
<i>Main activities and responsibilities</i>	Dossiers evaluation (fate and behaviour section) in the context of directive 91/ 414/ EEC.
<i>Name and address of employer</i>	ICPS (International Centre for Pesticides and Health Risk Prevention) Ospedale L. Sacco - Azienda Ospedaliera Polo Universitario Via Stephenson, 94 20157 Milano
<i>Type of business or sector</i>	ICPS centre works as a Collaborating Centre on Occupational Health, specialized in the pesticide area, for the preventive and safety programmes of the WHO.
<i>Date</i>	September 2010 ó December 2010
<i>Occupation or position held</i>	Fellowship
<i>Main activities and responsibilities</i>	Ecotoxicological and structure similarity studies for the management of compounds and of environmental issues and for REACH
<i>Name and address of employer</i>	University of Insubria of Varese Department of Structural and Functional Biology QSAR Research Unit in Environmental Chemistry and Ecotoxicology
<i>Type of business or sector</i>	University
<i>Date</i>	October 2009 ó July 2010
<i>Occupation or position held</i>	Fellowship
<i>Main activities and responsibilities</i>	Development of QSAR models for the prediction of persistence and bioaccumulation of REACH compounds
<i>Name and address of employer</i>	University of Insubria of Varese Department of Structural and Functional Biology QSAR Research Unit in Environmental Chemistry and Ecotoxicology
<i>Type of business or sector</i>	University

EDUCATION AND TRAINING

<i>Dates</i>	May 2015
<i>Title of qualification awarded</i>	Education and updating course
<i>Principal subjects/occupational skills covered</i>	Modelling Human and ecosystems exposure and impacts for life-cycle assessment: the USEtox consensus model
<i>Dates</i>	10 - 14 October 2011

<i>Principal subjects/occupational</i>	Syngenta's International Research Centre, UK Training about the evaluation of fate and behaviour of pesticides.
<i>Dates</i>	December 2010
<i>Title of qualification awarded</i>	Qualification for professional practice of Biologist
<i>Dates</i>	26-29 October 2009
<i>Title of qualification awarded</i>	Education and updating course
<i>Principal subjects/occupational skills covered</i>	National School on Natural Treatments: the use of plants for the regeneration of soils and improving water quality.
<i>Name and type of organization providing education and training</i>	University of Firenze
<i>Dates</i>	July 2009
<i>Title of qualification awarded</i>	Second Level Degree in Biology. Final mark: 110/110 cum laude.
<i>Principal subjects/occupational skills covered</i>	Application of QSAR models to personal care products and anticancer drugs
<i>Name and type of organisation providing education and training</i>	University of Insubria of Varese Department of Structural and Functional Biology QSAR Research Unit in Environmental Chemistry and Ecotoxicology
<i>Dates</i>	December 2006
<i>Title of qualification awarded</i>	First Level Degree in Biology. Final mark: 104/110
<i>Principal subjects/occupational skills covered</i>	Evaluation of the presence of heavy metals in the waters of the "Palude Brabbia" through Atomic Absorption Spectroscopy
<i>Name and type of organisation providing education and training</i>	University of Insubria of Varese Department of Structural and Functional Biology Research Unit in Inorganic Chemistry
<i>Dates</i>	June 2003
<i>Title of qualification awarded</i>	High School <i>Diploma</i> . Final mark: 90/100
<i>Name and type of organisation providing education and training</i>	Liceo Scientifico Statale "V. Sereni" Luino (VARESE, Italy)

MOTHER TONGUE(S)**Italian****OTHER LANGUAGE(S)****English**

Understanding

Good

Writing

Good

Speaking

Elementary

French

Understanding

Elementary

Writing

Elementary

Speaking

Elementary

Social skills and competences
Organizational skills and
competences

Good spirit of group and collaboration.

Organization voluntary service activity

*Technical skills and
competences*

Main chemometric and QSAR modeling techniques applied for the prediction of the biological, physical and chemical properties and environmental fate of organic contaminants:

- Multivariate Analysis: *Principal Component Analysis, Cluster Analysis.*
- Experimental design: analysis of similarity through artificial neural networks (*Kohonen Artificial Neural Networks - K-ANN*).
- Multiple Linear Regression (OLS method)

Experimental technique:

Atomic Absorption Spectroscopy

Informatics knowledge:

- QSAR software: Hyperchem, Scan, Statistica, DRAGON, MOBY-DIGS, Koala.
- Specific tools:
 - EPI-Suite 4.0
 - EUSES
- Environmental modeling:
 - EQC model.2.02
 - ChemCAN 6.00
 - SoilFug 1.2
 - FOCUS models (PELMO, MACRO, PRZM, PEARL, FOCUS STEP 1-2, TOXWA,SWASH)
- Other:
 - Office (Word, Excel, PowerPoint)

DRIVING LICENSE**B**

OTHER INFORMATIONS

Publications:

1. E.Papa, M.Luini, P. Gramatica, 2009. *Quantitative structure-activity relationship modeling of oral acute toxicity and cytotoxic activity of fragrance materials in rodents*. SAR and QSAR in Environmental Research, 20 (7): 767-779.
2. P.Gramatica, E.Papa, M.Luini, E.Monti, M.B.Gariboldi, M.Ravera, E.Gabano, L.Gaviglio, D.Osella, 2010. *Antiproliferative Pt(IV) complexes: synthesis, biological activity, and quantitative structure-activity relationship modeling*. Journal of Biological Inorganic Chemistry.

National and International Meeting:

Poster presentation:

1. E.Papa, M.Luini, P.Gramatica, *Chemometrical approaches for the characterization of the environmental behaviour of fragrances*. 19h Annual Meeting SETAC-Europe, Göteborg, Sweden, May-June 2009.
2. E.Papa, M.Luini, P.Gramatica, *Chemometrical approaches for the characterization of the environmental behaviour of fragrances*. X^o Convention Nazionale ARG (Ambiente Ricerca Giovani), Bergamo, 16-20 November 2009.
3. E.Papa, M.Luini, P.Gramatica, V.Consonni, D.Ballabio, R.Todeschini, *Regression and Classification QSAR Models for the prediction of Bioconcentration Factor in fish*. 20h Annual Meeting SETAC-Europe, Seville, Spain, 23-27 May 2010.
4. P.Gramatica, E.Papa, M.Luini, E.Monti, M.B.Gariboldi, M.Ravera, E.Gabano, L.Gaviglio, D.Osella, 2010. *QSAR approach for the modeling and design of antitumoral Pt(IV) complexes*. 14th International Workshop on Quantitative structure-activity relationships in Environmental and Health Sciences, Montréal, Canada, 24-28 May 2010.
5. P.Gramatica, E.Papa, M.Luini, E.Monti, M.B.Gariboldi, M.Ravera, E.Gabano, L.Gaviglio, D.Osella, 2010. *QSAR approach for the modeling and design of antitumoral Pt(IV) complexes*. 18th European Symposium on Quantitative Structure-Activity Relationship, Rhodes, Greece, 19-24 September 2010.
6. M.Luini, E.Papa, S.Kovarich, 2011. *State of art of lanthanum-modified clays: concerns and evidence*. 21th Annual Meeting SETAC-Europe, Milan Italy, 15-19 May 2011.

Oral Presentation:

1. B.Bhatarai, P.Gramatica, M.Luini, E.Papa, *QSAR modeling of toxicity endpoints of emerging pollutants: Fragrances and Perfluorinated compounds*. CMTF 2009, Istanbul, July 2009.
2. E.Papa, M.Luini, P.Gramatica, *Chemometrical approaches for the characterization of the environmental behaviour of fragrances*. X^o Convention Nazionale ARG (Ambiente Ricerca Giovani), Bergamo, 16-20 November 2009.