

CURRICULUM VITAE



PERSONAL INFORMATIONS

BOLGAN LORETTA

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www.studiesalute.it

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PROFESSIONAL SKILLS

Laboratory analysis for research (chemical, chemical-clinical, molecular biology, cell biology)
Drafting of MIUR and European research projects
Preparation of national, European and US registration dossiers and quality manuals
Writing scientific reports for legal use

PROFESSIONAL EXPERIENCE

January 2023 – June 2023

Professor of environmental toxicology and food toxicology.

Head of Agroecology Module. European University of Rome – UER

https://www.universitaeuropadiroma.it/academy/uer_eventi/il-nuovo-management-dello-sviluppo-sostenibile-gli-agroecosistemi-e-lagricoltura-innovativa/

October 2022 to date

Professor of environmental and food toxicology

School of Naturopathy - Nutriben <https://t.me/NutribenNaturopatia>

March 2020 - February 2023

Scientific consultant for the drafting of scientific documents for educational and legal purposes

Federazione Rinascimento Italia <https://rinascimentoitalia.it/>

August 2017 to date

Professor in vaccine toxicology, mechanism of induction of vaccine damage and prevention.

Associazione Stelior - Quai du Seujet 16-18 CH - 1201 Geneva – Switzerland www.stelior.com

January 2016 – February 2018

Voluntary consultant in the Parliamentary Commission. Scientific advice in the pharmaceutical and toxicological field on army vaccinations

Parliamentary Investigation Commission on death cases and serious illnesses that affected Italian personnel employed in military missions abroad, in shooting ranges and in storage sites of ammunition, in relation to exposure to particular chemical, toxicological and radiological factors with possible pathogenic effect and administration of vaccines, with particular attention to the effects of the use of depleted uranium bullets and the dispersion of nanoparticles in the environment heavy minerals produced by explosions of war material and possible interactions

Chamber of Deputies - Via del Seminario 76, ROME

http://www.camera.it/leg17/436?shadow_organo_parlamentare=2588

September 2013 – January 2019

Scientific counseling on medical and environmental lawsuits

Destro & Partners Studio Legale Associato, Galleria Degli Scrovegni Enrico, 7, 35121 Padova
Legal office

September 2011-July 2012

Scientific Consultant

- Planning and drafting of the FDA registration dossier (Pre-IDE) regarding the Breathquality-UBT medicinal product
- Reporting of MIUR (Ministry for Education, University and Research) research projects
AB ANALITICA S.r.l. via Svizzera 16 - 35127 Padova <https://www.abanalitica.com/en/>

2006-2011

Independent Researcher

- setting up a clinical analyses' laboratory for research purposes
- setting up diagnostic tests for the determination of oxidative stress and mitochondrial function (spectrophotometric determination of glutathione and lactate in lymphocytes)
- drafting of a research project for the study of oxidative stress on atopic disease in children
- Study of the toxic effects of OGMs, nanoparticles, environmental contaminants (pesticides, heavy metals)
- formulation of personalized galenics

Association for social development and support "Nuova Era", Via Carso 11- 30030 Salzano (VE) (the activity of the association was interrupted during the year 2012)

2004 to date

Scientific consultant

- Drafting of technical-scientific reports for legal use for appeals on professional diseases in the military and civil fields, and Law 210/92
- Scientific consultancy for research purposes in the field of functional medicine and self-care, in collaboration with professionals from various medical specialties

2003 – March 2020

Scientific Consultant

- Scientific consultant on the quality investigation of the vaccines (LC-MS and NGS technology)
 - Bibliographical research on adverse reactions to vaccinations (website updates, lawsuits)
- Non-profit Association Corvelva (regional coordination of Veneto for the freedom of vaccinations) - Padua
<https://www.corvelva.it/>

January – July 2004

Consultant

Drafting galenic dossiers
Zeta Farmaceutici Spa, - via Galvani, 10 Sandrigo (VI) www.zetafarm.it

May 1999 – September 2003

Industrial Researcher

- drafting the complete Italian marketing authorisation dossier for the medicinal product Breathquality-UBT (validation of analytical methods on the finished product with HPLC and mass spectrometry, data analysis of clinical studies, preparation of the package leaflet, brochure and summary of product characteristics, drafting the clinical and toxicological dossiers on the basis of bibliographic research.
- drafting and organization of a research project MIUR approved for the determination with mRNA microarrays of resistance biomarkers for chemotherapy drugs in breast cancer
- setup and validation of a kit for the determination with RT-PCR of cytokeratin-19 on whole blood
- bibliographic research for the computer design of kits for the determination of HLA I and II phenotype
- contribution for the drawing up of the procedures and operating instructions of the quality manual
AB ANALITICA S.r.l. via Svizzera 16 - 35127 Padova <https://www.abanalitica.com/en/>

October 1997 – May 1999

Pharmacist (substitutions)

June 1995-september 1996

Research fellow

Research Area: Study of differentiation and proliferation mechanisms in keratinocytes

Laboratory of Prof. G. Paolo Dotto, Dept of Dermatology; Massachusetts General Hospital (Boston)

EDUCATION AND TRAINING**September 1993 - July 1997***PhD degree*

Thesis' title: interference with the DNA topoisomerases and with the cellular differentiation mechanisms on antineoplastic chemotherapy (Prof. M. Palumbo)

University of Padua-Faculty of Pharmacy (Department of Pharmaceutical Sciences – Via Marzolo 5 Padua)

March 1994*License to practice the profession of Pharmacist*

University of Padua - Faculty of Pharmacy (Department of Pharmaceutical Sciences – Via Marzolo 5 Padua)

July 1993*Degree in chemistry and pharmaceutical technology*

Thesis' title: synthesis of 2-methoxy-furoquinolins and furoquinolin-2-ones (Prof. A. Guiotto)

Passing grade of: 106/110

University of Padua- Faculty of Pharmacy (Department of Pharmaceutical Sciences – Via Marzolo 5 Padua)

July 1987*Diploma in Industrial Chemistry*

Passing grade of: 58/60

Industrial Technical Institute A. Pacinotti Mestre (Venice)

PERSONAL SKILLS AND COMPETENCES*Mother tongue* Italian*Other languages* EnglishSelf-assessment
*European Level **

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Independent user	C1	Independent user	C1	Independent user	C1	Independent user	C1	Independent user

(*) *Common European Framework of Reference for Languages***Social skills and competences**

Good ability to interact with professionals of any field, to socialize with people from different cultures, and good communication skills (presentation of seminars, staff training)

Organisational skills and competences

Good ability to coordinate team work and to organize research projects

Technical skills and competences*Chemical-physical analysis techniques:*

HPLC, mass spectrometry (validation of analytical methods for the Italian marketing authorization of the medicinal product Breathquality-UBT)

UV-VIS spectrophotometry (set-up of methods for the quantitative determination of glutathione in lymphocytes and the enzymatic determination of the mitochondrial function in lymphocytes), spectrofluorimetry, circular dichroism, IR, NMR (structural studies of antitumoral compounds)

Cellular and molecular biology techniques:

Acquired at Dermatology Dept –MHG: preparation and purification of plasmidic DNA, Northern blot, Western blot, transient transfections and infections with mutated adenovirus of primary keratinocytes, cloning, cultures of cancer cell lines

Acquired at AB Analitica: purification of mRNA and genomic DNA, extraction of lymphocytes for whole blood and lymphocytes counts PCR, RT-PCR, preparation of mRNA microarray (extraction and hybridization), interpretation of microarrays data.

Computer skills and competences

Good knowledge of Microsoft Office (Word, Excel, PowerPoint) and social networking.
Excellent ability to access databases for bibliographic research in the medical field

Artistic skills and competences

Opera singing, piano, Tango dancer, poetry

Other skills and competences

Volunteering activities at non-profit associations, social cooperatives for the disabled, citizen committees for the redevelopment of the territory and mutual aid

ABSTRACT E PUBBLICAZIONI

[Incidence of malignant tumours (1996-2012) in young Italian soldiers sent on mission abroad. Preliminary analysis of the data of the Parliamentary Enquiring Commission on depleted uranium and vaccines (CUC)]. [Article in Italian] Gennaro V, Negrisola O, Bolgan L, Catalano II Epidemiol Prev. 2019 Jan-Feb;43(1):48-54.

A new nested primer pair improves the specificity of CK-19 mRNA detection by RT-PCR in occult breast cancer cells. Balducci E, Azzarello G, Valori L, Toffolatti L, Bolgan L, Valenti MT, Bari M, Pappagallo GL, Ausoni S, Vinante O. Int J Biol Markers. 2005 Jan-Mar; vol. 20(1), pp.28-33.

Cross talk among calcineurin, Sp1/Sp3, and NFAT in control of p21(WAF1/CIP1) expression in keratinocyte differentiation. Santini MP, Talora C, Seki T, Bolgan L, Dotto GP. Proc Natl Acad Sci U S A. 2001 Aug 14; vol. 98(17), pp. 9575-80

DNA-binding preferences of bisantrene analogues: relevance to the sequence specificity of drug-mediated topoisomerase II poisoning. Sissi C, Bolgan L, Moro S, Zagotto G, Bailly C, Menta E, Capranico G, Palumbo M. Mol Pharmacol. 1998 Dec; vol. 54(6), pp. 1036-45.

Involvement of the Sp3 transcription factor in induction of p21Cip1/WAF1 in keratinocyte differentiation. Prowse DM, Bolgan L, Molnár A, Dotto GP. J Biol Chem. 1997 Jan 10; vol. 272(2), pp. 1308-14.

Dr.ssa Loretta Bolgan

