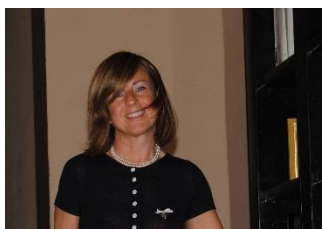


FORMATO EUROPEO
PER IL CURRICULUM
VITAE



PERSONAL INFORMATION

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RESEARCHER ID [Scopus Author ID: 6701364618](#)
ORCID [ResearcherID: AAB-8606-2020](#)

WORK EXPERIENCE

1996 to date Chemist Assistant (QUAD 10A) Salvatore Maugeri Foundation, IRCCS
Via S. Maugeri, 10 - Pavia Italy.
1992 to 1996 Research Chemist MS Laboratory, Marion Merrell Dow Research
Institute-Lepetit Research Center – Gerenzano (VA) Italy. (QUAD. A3).
Scientific consultant in mass spectrometry (MALDI/TOF) for Shimadzu
(Italy) in 1994-1998.
1991 to 1992 Researcher GC-MS Laboratory, I.S.F. SpA, Milan.

Task and Issues

- Main drafter of papers and reports for the development of analytical methods aimed at determining xenobiotics in biological and environmental matrices using UHPLC coupled with tandem mass spectrometry.
- Expert knowledge of FDA guidelines for Bioanalytical Method Validation of drugs and xenobiotics.
- Most of the projects are related to risk assessment studies. Coordinator of monitoring studies to evaluate the potentials of the exposure to antineoplastic drugs in both health care and industrial settings.
- Pharmacokinetics modeling in clinical trials. Coordinator of projects to support pharmacokinetic studies and to validate new drug delivery systems in the oncology field.

Current Research Projects

- 1) **2018 Silk nanoparticles** loaded with antineoplastic drugs: a challenge for paclitaxel?
- 2) **2019 Microparticles and doxorubicin pharmacokinetics**
- 3) **2011 Project title:** "Phase 3 prospective, randomized, blinded and controlled investigation of HepaSpheres/QuadraSpheres Microspheres for delivery of doxorubicin for the treatment of hepatocellular cancer as Trial Protocol number **HQ STUDY: HCC-P3-11-01**.
Sponsor of the project: *BioSphere Medical, Inc. a Subsidiary of Merit Medical 1050 Hingham St., Rockland, MA 02370 USA.*

Competencies

Assistant supervisor for graduation thesis at the University of Pavia (degree courses: pharmaceutical science, biotechnology and pharmacy).
Reviewing for both Italian and English-language scientific publication.
Participating in numbers of International Conferences as speaker.

Teaching Experience

2006 to 2007

Lecturer, post graduate course "New methodologies in research and development of drugs" Title: Exposure assessment to antineoplastic drugs in hospital personnel

2007 to now

Lecturer, post graduate course "New methodologies in research and development of drugs" Title: Basic principles and application of tandem mass spectrometry coupled to liquid chromatography.

ASSIGNMENTS IN PROJECTS

1999-2003

Principal Investigator in the European Project (Italy, Belgium, Austria, Germany) **EU-LIFE 99 ENV/D/000455. Title: Substance-flow related water/waste water management in European Hospitals: Strategies for water saving options and for reducing the pollutant load in waste water; Project coordinator Prof. Dashner.**

2002-2004

Partner in the project (Ricerca N. B/43/DIL/00): "Endocrine disruptors: development and validation of analytical methods to measure pesticides and their metabolites by UHPLC-MS/MS.

2002-2004

Partner in the project: "Validazione di strategie, metodi e indicatori nel monitoraggio ambientale e biologico dell'esposizione occupazionale a xenobiotici. ICS030.8/RF01.17

2002-2005

Partner in the project (ISPESL Progetto Finalizzato 2001): PMS1701 "Risk assessment in the professional exposure to antineoplastic drugs".

2011 2017

Partner in the project HQ HCC-P3-11-01

EDUCATION AND TRAINING

1988

Degree in Pharmaceutical Chemistry, University of Pavia, Italy. (grade: 110/110).

1988 to 1989

Scholarship on "Selective Reactions in the Aromatic Rings" at the Department of Organic Chemistry, Politecnico of Milan, Italy. Supervisor: Prof. Attilio Citterio.

1989 to 1991

Master courses at Politecnico of Milan in Analytical Techniques: **GC; HPLC; GC-MS; NMR**. Title: Fragmentation Studies in Mass Spectrometry. Supervisor: Prof. Antonio Selva (Politecnico of Milan).

1992

European Tandem Mass Spectrometry Summer School at the University of Warwick, U.K.

1993	School on Mass Spectrometry in the Biomolecular Sciences attended at NATO Advanced Institute (ASI)
1994	Training Courses on DART and MALDI/TOF techniques held in Manchester (England) by Kratos Analytical LTD
1995	Advanced course on highly glycosylated proteins using MALDI/TOF techniques by Research Center of Shimadzu Europe BmbH, Duisburg (Germany). November, 1996.
1996	Certificate of Proficiency in recognition of meritorious completion of the course in the fundamentals, application and instrumentation of API 100-300 LC MS/MS. Supervisor: Dr. Bruno Casetta, Perkin Elmer instrumentation.
2010	FP7 Financial Project Management two-day intensive management training, Budapest Hungary September, 2010. Europe Media. EM.
2013	Presentation at the 9 th International Symposium on biological Monitoring in Occupational and Environmental Health the developed and validated analytical method for the Biological Monitoring of Exposure to Carbamate Fungicides: determination of ethylene- and propyleneurea by UHPLC-ESI-MS/MS. 0074 abstract book-Lowry Center Manchester-UK.
Native Speaker	Italian-
Other Languages	English- 01/03/2000 Italian School for B2/C1 level 05/12/2014 Upgrade to B2/C1 level. Place of Entry: LONDON at Cambridge English Language Assessment Part of University of Cambridge.

SOCIAL AND ORGANIZATIONAL SKILLS

- Experience in living and working in multi-cultural environments.
- Good analytical and organizational skills.
- Interpersonal skills and capacity for team working.

PATENTS

A.Y. Pavlov, A. Malabarba, T.F. Berdnikova, E.N. Olsufyeva, O.V. Miroshnikova, S.T. Filippovsyantz, L. Colombo, C. Sottani, R. Ciabatti. Synthetic Glycopeptides I. New Semisynthetic Derivatives of Eremomycin and Teicoplanin Aglycon 1993-1995. (Project carried out in collaboration with I.N.A. ,Moscow) HMR, Lepetit Research Center Gerezano.

PUBLICATIONS


H-INDEX 25 FROM SCOPUS
IDENTIFICATION CODE IN SCOPUS
AU-ID SCOPUS 6701364618
<https://www.scopus.com/authid/detail.uri?authorId=6701364618>
<https://www.ncbi.nlm.nih.gov/pubmed/?term=sottani+c>

The undersigned Sottani Cristina is aware that, pursuant to art. 76 of DPR 445/2000, false statements, falsified acts and use of false acts are punishable under the Penal Code and special laws.

Furthermore, I authorize the processing of personal data, as provided by Law 196/03.

Pavia, October 2023

Name (Signature)

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