

CURRICULUM VITAE

Prof. Rossella Gottardo

Department of Diagnostics and Public Health

Unit of Forensic Medicine

University of Verona

Verona, Italy

- 14.12.2000** **Degree in Pharmaceutical Chemistry and Technology** awarded with full marks and honors at the University of Padua, Padua, Italy.
- 02.04.2004** **PhD in Forensic Sciences** awarded at the University of Verona, Verona, Italy.
- 06.07.2010** **Specialization in Hospital Pharmacy** awarded with full marks and honors at the University of Padua, Padua, Italy.
- 09.2004-2013** **Post-doc fellow** at the Department of Diagnostics and Public Health, Unit of Forensic Medicine, University of Verona.
- 2013-11.2016** **Technical research collaborator** at the Department of Diagnostics and Public Health, Unit of Forensic Medicine, University of Verona.
- 11.2016-11.2019** **Assistant professor (SSD MED-25/A-Forensic Medicine)** at the Department of Diagnostics and Public Health, Unit of Forensic Medicine, University of Verona.
- 11.2019-present** **Associate professor (SSD MED-25/A- Forensic Medicine)** at the Department of Diagnostics and Public Health, Unit of Forensic Medicine, University of Verona.

Affiliation: Member of the International Association of Forensic Toxicologist (TIAFT), of the Italian Forensic Toxicology Group (GTFI), of the Italian Society of Toxicology (SITOX) .
Board member of the Society of Hair Testing (SoHT).

Institutional roles:

- Member of the Executive Board of the University of Verona's Centre for Technology Platforms.
- Member of the Quality Assurance Committee for the Master's Degree Program in Medical and Molecular Biotechnology.

-Member of the Quality Assurance Committee for the Bachelor's Degree Program in Biomedical Laboratory Techniques.

Academic Teaching:

Teaching of Forensic Medicine in the following degree courses:

- Medical and Molecular Biotechnology (LM9);
- Biology for Translational Research and Precision Medicine (LM6)
- Biomedical Laboratory Techniques (in Verona and Trento)
- Master's Degree in Advanced Social Work

She also teaches seminars on the Degree course in Medicine and Surgery and on the PhD program in Nanosciences and Advanced Technologies.

Research Interest: Prof. Gottardo's research activity is mainly focused on forensic toxicology and in particular on the development of methodologies for the determination of drugs, drugs or markers of abuse by capillary electrophoresis or liquid chromatography combined with mass spectrometry.

The main thematic areas of research were:

- Development of innovative methods such as capillary electrophoresis coupled with mass spectrometry for the determination of xenobiotics of forensic interest from biological fluids (blood, urine, hair);
- Implementation of mass spectra database for screening drugs, toxicants and their metabolites for forensic toxicological analysis;
- Development of methods aimed at the determination of New Psychoactive Substances (NPS) in both biological and non-biological samples;
- Development of capillary electrophoresis methods for the analysis of ions of forensic interest such as potassium, ammonium, bromide, and nitrite/nitrate;
- Chiral analysis by capillary electrophoresis in postmortem intoxication cases;
- Pharmacotoxicology studies on Zebrafish.

Scientific Production: author of more than 70 scientific publications, including articles published in national and international journals and book chapters. Her scientific production also includes more than 60 oral/poster communications at national or international conferences.