

CURRICULUM VITAE

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| Nome | MERLI, Daniele |
| Qualifica | Professor of Analytical Chemistry |
| Amministrazione | University of Pavia, Dep of Chemistry |
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TITOLI DI STUDIO E PROFESSIONALI ED ESPERIENZE LAVORATIVE

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| Education | After graduating at the University of Pavia in 2003 in Chemical Science with full marks and honours, I obtained the PhD in Chemistry in 2006 from the same university. In 2007 I obtained the diploma from SAFI (Scuola Avanzata di Formazione Integrata), released by I.U.S.S. - Istituto Universitario di Studi Superiori (PAVIA). I am currently member of INFN (Istituto Nazionale di Fisica Nucleare) section of Milano Bicocca (MILANO). |
| Research interests | The main research interests are electrochemistry and forensic chemistry. I work on the characterization of electroactive species by the use of combined electrochemical and spectroscopic methods (i.e. mass spectrometry) and on the development of electroanalytical methods for the analysis of drugs and physiologically active substances. I have an active research line on gunshot residues (GSR), mainly dedicated to inorganic GSR. Recently, I started to work in the field of organic electrosynthesis. |
| Teaching positions | Professor of Electroanalytical Chemistry (from 2011 up to now), Forensic Chemistry (from 2019) and Analytical Chemistry (from 2021) for the degree course of Chemistry (Università di Pavia). Professor of Food Chemistry and Analysis for the Ph D program "Chemical and Pharmaceutical Sciences and Industrial innovation" at Università di Pavia. |
| Main collaborations | <ul style="list-style-type: none">-Prof Federica Pollastro (UNIUPO) and Prof Federica Pellati (UNIMORE), Prof Gianni Sacchetti (UNIFE), research activities on <i>Cannabis</i> chemistry-Ten Col. Matteo Donghi, RIS di Parma, research activities on gunshot residues (GSR)-Prof Luca Morini (UNIPV) toxicological chemistry-Prof Francesca Soavi (UNIBO) lithium battery recycling-Prof Elisa Roda (Maugeri institute, Pavia) toxicological chemistry-Prof Stefano Protti (UNIPV) reaction mechanism of redox active compounds |