

CURRICULUM VITAE DI TEODORA BAVARO

PERSONAL INFORMATION

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WORKING INFORMATION

University: University of Pavia

Department: Department of Drug Sciences

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ACADEMIC CAREER

2019: National Scientific Qualification as associate in the Italian higher education system, in the call 2018/2020 (Ministerial Decree n. 2175/2018) for the disciplinary field of 03/D1 - Medicinal, toxicological and nutritional chemistry and applied technologies (Academic Recruitment Field 03/D - Medicinal and food chemistry and applied technologies, according to the national classification).

2009: 2nd Level University Master Degree in Drug Design and Development (University of Pavia, Italy).

2007: PhD in Medicinal Chemistry and Pharmaceutical Technology (University of Pavia, Italy).

2005: Teaching assistant (Cultore della Materia) in Medicinal Chemistry (University of Pavia, Italy).

2004: Master Degree in Medicinal Chemistry and Pharmaceutical Technology (University of Pavia, Italy).

PROFESSIONAL EXPERIENCE

03/01/2023-ongoing: Associate professor of Medicinal Chemistry and Biotechnology, Department of Drug Sciences, University of Pavia (Italy).

03/01/2020-02/28/2023: RTD type B, Department of Drug Sciences, University of Pavia (Italy).

10/01/2016-02/29/2020: RTD type A, Department of Drug Sciences, University of Pavia (Italy).

02/01/2016-09/30/2016: Post-doc fellowship (University of Pavia, Fondazione Cariplo). Project title: "From waste to resource: an integrated valorization of the rice productive chain residues (RiceRes)".

01/02/2015-01/31/2016: Post-doc fellowship (University of Pavia). Project title: "Research and development of new drugs for regenerative therapy".

12/01/2013-30/11/2014: Post-doc fellowship (University of Pavia, Regione Lombardia). Project title: "Da antiche colture materiali e prodotti per il futuro (VELICA)".

12/01/2010-11/30/2012: Post-doc fellowship (University of Pavia, Regione Lombardia). Project title: "A biotechnological approach for the rational design of vaccines: study of a new anti-TB vaccine".

2009/2010-2010/2011: Contract professor of Medicinal Chemistry at Università Vita-Salute San Raffaele di Milano in the Biotechnology bachelor degree.

01/01/2008-11/30/2010: Post-doc fellowship (University of Pavia, Regione Lombardia). Project title: "Enzymes for biocatalysis".

01/01/2007-12/31/2007: Fellowship (University of Pavia, Regione Lombardia, Sovvenzione Globale INGENIO). Project title: "Chemoenzymatic synthesis of 5'-deoxynucleosides".

02/01/2006-11/30/2006: Research contract (University of Pavia, Interreg III C Regional Framework Operation "REGINS"). Project title: "Design and development of a catalog for new commercial biocatalysts (BIOCAT)".

01/01/2005-12/31/2005: Fellowship (University of Pavia, Regione Lombardia) Project title: "Studio e sviluppo precompetitivo di catalizzatori per processi industriali a basso impatto ambientale ed energetico".

09/01/2004-06/30/2010: Scientific advisor at Innovate Biotechnology (Tortona, Italy).

EDITORIAL ACTIVITIES

2022: Guest Editor Special Issue "New Advances in Chemoenzymatic Synthesis" The special issue belongs to the section "Biocatalysis". CATALYSTS.

2019: Guest Editor Special Issue "Oligosaccharides and Glycoconjugates II" The special issue belongs to the section "Medicinal Chemistry". MOLECULES.

2010-ongoing: *ad hoc referee* - MOLECULES, CATALYSTS; PROCESS BIOCHEMISTRY; INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES; BIOTECHNOLOGY PROGRESS.

61 publications, 2 international patents, 2 book chapters, 3 technical-scientific articles and 1 short application note, 78 poster and oral communications – h-index 17 - Scopus Source March 2023.