Università di Genova

Sara Baldassari

Associate Professor (SSD CHEM-08/A)

EDUCATION AND TRAINING

March 2003-May 2006

Ph.D. in Pharmaceutic and Cosmetic Science

Ph.D. thesis "Microwave-assisted hydrothermal processes for the preparation of organoclays and nanosized titanium dioxide".
Experimental activity focused on preparation, through classic and solvent-free synthetic procedures, and characterization of pharmaceutical/cosmetic ingredients and development of cosmetic formulations.
Università di Genova

September 1996-July 2002

Master's of Science Degree in Pharmaceutical Chemistry and Technology

Grade: 110/110 magna cum laude
Experimental thesis: "Pyrazole[3,4-d]pyrimidine derivatives as new ligands of the A1-adenosine receptors".
Università di Genova

PROFESSIONAL HISTORY

Since June 2026

Associate Professor

Research activities: development of innovative pharmaceutical formulations for drug delivery and drug targeting.
Università di Genova-DIFAR

December 2010 – May 2026

Researcher

Research activities: development of innovative bioadhesive matrix formulations for controlled drug release; preparation and characterization of nano- and microdispersed colloidal systems for drug delivery and targeting; development of colloidal systems for radionuclide delivery and localization.
Università di Genova-DIFAR

January 2009 - November 2010

Regulatory Affairs Officer

Preparation of procedures and documents for the notification of changes and renewals of marketing authorizations for specialty medicinal products at the national, EU, and non-EU levels; initiation and finalization of marketing authorization procedures for specialty and generic drugs through national and DCP procedures; management of the company's pharmacovigilance system, with particular involvement in the preparation of PSURs; documentation activities to support the registration procedures for new medical devices.
Bruschettini s.r.l. – Genova

October 2007-September 2008

Synthetic Organic Chemist
Research activity focused on synthesis and characterization of potential novel hits for multiple targets.
Molecular Discovery Research Department – GlaxoSmithKline Ltd. – Harlow (UK)

October 2006-September 2007
Holder of Grant Assignment for Collaboration in Research Activities in the Scientific-Disciplinary Sector CHIM/09
Research activity focused on synthesis and characterization of gemini surfactants of pharmaceutical interest.
Università di Genova-DIFAR

March 2006-October 2006
Holder of a Coordinated and Continuous Collaboration contract co-financed by the MIUR
Research activity focused on characterization of compounds of cosmetic interest.
Università di Genova-DIFAR

May 2004-October 2004
Adjunct Research Assistant at Materials Research Institute
Research activity focused on synthesis and characterization of nanostructured materials of pharmaceutical and cosmetic interest.
The Pennsylvania State University – PA (USA)

ACADEMIC APPOINTMENTS

Since A.Y. 2025-2026
Department contact person for Technology Transfer
Università di Genova-DIFAR

Since A.Y. 2023-2024
Member of the Thesis Assignment Commission for the Master's Degree Courses in Pharmacy and Pharmaceutical Chemistry and Technology
Università di Genova-DIFAR

Since A.Y. 2017-2018
Member of the Professional Internships Commission for the Master's Degree Courses in Pharmacy and Pharmaceutical Chemistry and Technology
Università di Genova-DIFAR

Since A.Y. 2016-2017
Teaching activity in the module of Officinal and Magistral Preparations within the class of Pharmaceutical Technology I and Radiopharmacy for the Specialization School in Hospital Pharmacy
Università di Genova-DIFAR

Since A.Y. 2013-2014
Teaching activity in the class of Pharmaceutical Technology, Socioeconomics and Legislation II for the Master's Degree course in Pharmacy
Università di Genova-DIFAR

Since A.Y. 2013-2014

Teaching activity at the Doctoral Course in Chemistry and Material Sciences and Technology, Pharmaceutical, Food, and Cosmetology Sciences curriculum
Teaching activity within the Type B class "Preparation and Control Methods of Innovative Pharmaceutical Forms".
Università di Genova

A.Y. 2012-2013
Teaching activity in the module of Chemistry and Technology of Detergents, Cosmetics, and Plant Protection Products within the class of di Technologies Applied to the Control of Plant Protection Products, Detergents, and for the Degree Course in Prevention Techniques in the Environment and the Workplace
Università di Genova

Since A.Y. 2011-2012
Supplementary teaching activities for the Pharmaceutical Technology, Socioeconomics and Legislation I and II classes in the Master's Degree Courses in Pharmacy and Pharmaceutical Chemistry and Technology
Università di Genova-DIFAR

A.A. 2010-2011 e 2011-2012
Teaching activity in the module of Oncology Therapy - Oncological Preparations within the class of Oncology Therapy for the Specialization School in Hospital Pharmacy
Università di Genova-DIFAR

A.A. 2010-2011, 2011-2012 e 2012-2013
Teaching activity in the module of Pain Therapy - Technological and Regulatory Aspects I within the class of Pain Therapy for the Specialization School in Hospital Pharmacy
Università di Genova-DIFAR

Since 2013
Supervisor/co-supervisor of 20 Master's Degree and Specialization Theses
Università di Genova-DIFAR

EXPERIENCE

PRIZES AND ACCOLADES FOR SCIENTIFIC ACTIVITY, INCLUDING MEMBERSHIP OF ACADEMIES

October 2024 Special Award for Female Entrepreneurship, MED TECH technology area
Awarded by INVITALIA as part of the 2023 Intellectual Property Award for the patent "Production method of compact gastroretentive matrices for the controlled release of active substances and compact matrices thus obtained."
General Directorate for the Protection of Industrial Property - Italian Patent and Trademark Office of the Ministry of Business and Made in Italy in collaboration with NETVAL

PARTICIPATION IN THE CREATION OF NEW BUSINESS ENTITIES (SPIN-OFFS), DEVELOPMENT, USE AND COMMERCIALISATION OF ACADEMIC PATENTS

Since 2019 Co-inventor of 2 Italian patents (granted) and of 3 PCT patents (5 granted extensions)
Università di Genova

PROFESSIONAL QUALIFICATIONS

February 2025 Achievement of the National Scientific Qualification for the role of Associate Professor in the Competition Sector 03/D2

July 2003 Qualification to practice the profession of pharmacist
Università di Genova

OTHER EXPERIENCES

Member of the Italian Chemical Society and of the Italian Society Of Pharmaceutical Technology And Legislation.