

PERSONAL INFORMATION**Giuseppina Sandri**

University of Pavia, Department of Drug Sciences
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Email Address: g.sandri@unipv.it Tel: +39 0382 9877728
Sex: F Date of birth: 05/09/1975 Nationality: Italian

**CURRENT POSITION**

Associate Professor, Pharmaceutical Technology (SSD CHIM/09)

ADDITIONAL RELEVANT POSITIONS

Coordinator of post-graduate programme "Master in cGMP compliance & validation in pharmaceutical industry";
Erasmus Coordinator for Pharmacy;
Member of the board of PhD school in Chemical and Pharmaceutical Sciences and Related Industrial Innovation, University of Pavia;
Member of the board of Directors of ISPE Italy affiliate;

TEACHING

Undergraduate:
Pharmaceutical Technology and Law 2 (12 CFU) (Graduate programme in Pharmacy);
Experimental models in Biopharmaceutics (3 CFU) (Graduate programme in Pharmacy, CTF, Biotechnologies – medical and pharmaceutical).
PhD School in Chemical and Pharmaceutical Sciences and Related Industrial Innovation:
Research and Nanomedicines;
Experimental models in Biopharmaceutics.

RESEARCH

The activities of the research team of the Biopharmaceutics and formulation development laboratory I co-coordinate are devoted to the design and the development of nanomedicines, particularly in the field of tissue engineering. The research is also devoted to the characterization of new biomaterials, especially polysaccharides and proteins and also novel foods from insects as source of new effective biomaterials. The research team has expertise in the in vitro characterization of biocompatibility, proinflammatory activity, antioxidant properties and protein digestibility. Moreover, the team is also working on the development of continuous process (electrospinning, spray drying) for the nano and microparticulate systems and for the transformation of foods and by-products.

WORK EXPERIENCE

2008-2015

Assistant Professor

Pharmaceutical Technology (SSD CHIM/09) Department of Drug Sciences, University of Pavia

2004-2008

Research Fellow

Pharmaceutical Technology (SSD CHIM/09) Department of Drug Sciences, University of Pavia

EDUCATION AND TRAINING

2005

Post-graduation in Preformulation and Galenic Development

Department of Drug Sciences, University of Pavia

2004

Post-graduation in Pharmaceutical Technology and Regulatory Activities

Department of Drug Sciences, University of Pavia

1999-2003

PhD, Pharmaceutical Chemistry and Technology

Department of Drug Sciences, University of Pavia

1994-1999

Graduation in Pharmaceutical Chemistry and Technology

Department of Drug Sciences, University of Pavia

ADDITIONAL INFORMATION**Publications and main indexes**

Total number of publications in peer-review journals: 157 (Scopus)

H-Index: 42 (Scopus); 47 (Google scholar)

Scopus: 7005221569

Publons: AGR-5501-2022

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On going granted projects

- 1) European Commission HORIZON-CL4-2022-RESILIENCE-01-13 - Smart and multifunctional biomaterials for health innovations (RIA), Project ID:101092243 “smart and multiFunctional 3D printable pro-Regenerative biological matrix modulating mechanotransduction as advanced therapy to treat skin chronic wounds” “FORCEREPAIR” (2023-2026) (UNIPV Principal Investigator).
 - 2) PNRR, M4 - Ecosistemi d’innovazione NODES - Nord Ovest Digitale E Sostenibile (Spoke 7 Participant)
 - 3) PNRR, Project code PE00000003, “ON Foods - Research and innovation network on food and nutrition Sustainability, Safety and Security - Working ONFoods” (Spoke 3 Participant).
 - 4) European Commission H2020-NMBP-HUBS-2018, Project ID: 814607 “Safety testing in the life cycle of nanotechnology-enabled medical technologies for health” “SAFE-N-MEDTECH” (UNIPV Principal investigator) (2019-2023)
- *last 5 years

Memberships and managerial activities

Member of Editorial Advisory Board of Journal of Pharmaceutical Sciences;
Member of Editorial Board of Polymers;
Official Representative of the Department of Drug Sciences at ETPN (European Technology Platform Nanomedicine);
Faculty Advisor ISPE Student Chapter at University of Pavia.

Current collaborations with the following research groups: Dott. Perotti C. e Del Fante C., Fondazione IRCCS San Matteo - Pavia, Prof. P. Giunchedi, University of Sassari, Prof. E. Del Favero, University of Milan, Dott. A. Athanassiou, Istituto Italiano di Tecnologia IIT (Genoa), Prof. C. Viseras, University of Granada (Spain), Prof. E. Mele, , Loughborough University, UK. Prof. M. Budai Szuch, University of Szged (Hungary), Prof. A. Prina Mello, TCD, Dublin (Ireland), Prof. R. Donnelly and Prof. A. Paredes QUB, (UK), Prof. D. Carugo, Oxford (UK), Prof. S. Simoes University of Lisbon (Portugal); Prof. A. Ribeiro, University of Coimbra (Portugal).

Current collaboration with the following pharmaceutical companies in the development and characterization of conventional and modified release formulations: Alfa Wasserman, Bologna; Rottapharm/Mylan/Viatris, Monza (Milan) - Confienza (PV), Soffieria Bertolini, Candiolo (Turin), KCS Biotech.