



Prof. Ruozi is an associate professor in the scientific disciplinary sector CHEM-08/A - Technology, Socioeconomics, and Regulation of Medicines and Products for Well-being and Health - at the Department of Life Sciences, University of Modena and Reggio Emilia. Since April 4, 2017, she has been qualified as a full professor in the same area. She graduated in Chemistry and Pharmaceutical Technology (CTF) in 1997 and obtained her PhD in Drug Sciences in 2001. Currently, she teaches "Drug Delivery and Targeting" and "Galenic Laboratory" in the Degree Course in Chemistry and Pharmaceutical Technology (CTF), and "Non-viral Vectors in Gene Therapy" in the Degree Course in Biotechnology. She is involved in the School of Specialization in Hospital Pharmacy, which she directed from 2020 to 2022, and is also a member of the Doctoral College of the newly established HIP TECH PhD Course at Unimore. Since 2005, she has been a continuous representative on numerous committees of the CTF Degree Course (AQ group, internship committee, career guidance, Advisory Board), and since November 2021, she has been the President of the CTF Degree Course. She is a founding member of the Te.Far.T.I scientific research center (University Center for Research on Traditional and Innovative Pharmaceutical Technologies), which includes faculty and researchers from the University of Modena and Reggio Emilia across various disciplines with expertise in research, characterization of polymeric raw materials and drugs and excipients, pre-formulation and pharmaceutical formulation up to the design and development of drug delivery systems. She is a member of important associations and societies in pharmaceutical technology (European Technology Platform on Nanomedicine, SITELF - Italian Society of Pharmaceutical Technology and Legislation, Controlled Release Society Italian Chapter - CRS Italy). She is active in organizing international and national conferences and study days in the field of pharmaceutical nanotechnology. She serves as a reviewer for numerous international journals, including Biomaterials, Journal of Controlled Release, Journal of Microencapsulation, European Journal of Pharmaceutical Sciences, Nanotechnology, Journal of Gene Medicine, Micron, Materials Science and Engineering C, International Journal of Pharmaceutics, and International Journal of Nanomedicine.

Her research activity, which has earned her several awards such as "The International Journal of Nanomedicine Early Career Award-2009," is based on the development and technological characterization of lipidic, polymeric, and hybrid systems (particularly nanocarriers) for drug

*Ultimo aggiornamento Luglio 2024*

delivery and targeting. She is the author or co-author of over 130 research articles, book chapters, and reviews, published in international journals or book series (H index 37, Scopus). Additionally, her scientific output includes more than 350 abstracts for oral or poster presentations. She has been and continues to be a unit leader, participant, PI, or Co-PI in numerous competitive regional projects (PR-FESR N2ERT), national projects (MAECI, Telethon), and international projects (IMI, Euronanomed). She is currently a participant in Spoke 6-WP4 of the PNRR Heal Italia project.

She collaborates with several pharmaceutical companies (Chiesi, Biofer, Pharmanutra, Lamp, Opocrin), providing assistance and expertise in the technological formulation and characterization of pharmaceutical products (research and development as well as marketed formulations).