

Carlotta Marianecchi:

Associate professor at Faculty of Pharmacy and Medicine, Department of Drug Chemistry and Technologies, "Sapienza" University of Rome. Her research activity is mainly focused on of Pharmaceutical Technology and in particular on: preparation and characterization of phospholipid (liposomes) and non-phospholipid (niosomes) not pH and pH-sensitive vesicular systems; studies on cell internalization pathway of liposomal and niosomal nanocarriers in fibroblasts, macrophagic cells and granulocytes, monocytes and linfocytes; application of niosomes for topical, pulmonary and brain delivery of drugs; study on L-Dopa delivery and DNA delivery by different liposomal formulations; deep chemical-physical characterization studies on vesicular nanocarriers and preparation and characterization of theranostic nanocarriers.

Author of about 70 national and international research papers, 3 patents, 3 book chapters and about 70 oral and poster presentations.

Referee for 10 international journals focused on nanotechnology and drug delivery, member of the Editorial Board of the "Recent Patents on Drug Delivery & Formulation" and "Pharmaceutics", guest editor for two special issue in "Pharmaceutics".