

CURRICULUM VITAE CARLA M. CARAMELLA

Work experience

February 2017 Nominated Professor Emeritus of the University of Pavia, Pavia-I
November 2015-present Contract professor, University of Pavia, Dept. of Drug Sciences.
Teaching responsibilities (undergraduate level, curricula in Pharmacy and in Pharmaceutical Chemistry and Technology: Procedure for Marketing Authorization of Medicinals
Teaching responsibilities (post-graduate level): Director of the Master Course in Pharmaceutical Technologies and Regulatory Affairs (University of Pavia);
Italian Coordinator of the Erasmus Mundus Joint Master Degree in Nanomedicine for Drug Delivery
1986 - 2015 Full professor of Pharmaceutical Technology and Biopharmacy, University of Pavia
2003-2007 Dean of the Faculty of Pharmacy
2002-2005 Director of the Interuniversity consortium TEFARCO INNOVA

Education

1971-Advanced Degree in Pharmaceutical Chemistry and Technology, University of Pavia
1967-Degree in Pharmacy, University of Pavia

Scientific and technical expertise

Control of APIs, formulation, dissolution, in vitro diffusion studies, in vivo-in vitro correlation, mucoadhesion mechanisms and testing, intestinal and transmucosal absorption mechanisms, absorption enhancement strategies, use of cell cultures as bioassays in formulation development, cytotoxicity tests, wound repair strategies, in vivo model for wound healing, testing of medical devices, product development and regulatory issues.

259 published papers, including original papers, reviews, published abstracts and miscellaneous publications, over 310 presentations at Conferences, about 100 of which as invited lecturer, 17 book chapters, one text-book on Pharmaceutical Technology, H index: 46 (Scopus), more than 6000 citations. Co-inventor of 15 patents.

Coordinator/principal investigator of research projects funded by University of Pavia (since 1996), CNR (1994-99) CE (INTAS 2001-03), PRIN (2002 and 2005), Cariplo Foundation on reparative medicine (2007-10), Regional Government of Marche (2009-11) and of Research projects shared with Italian and multinational pharmaceutical companies.

Regulatory Body memberships/expertise

Expert appointed by EMEA for the scientific evaluation of centralized applications since 1998
Expert, appointed by AIFA, for the quality of medicinals (since 2014)
Expert, appointed by Medicines Agency Malta (MMA), for the quality of medicinals (since 2016)
Expert rapporteur for the procedure for the certification of suitability of monographs of the EP (since 1999)

Honours and Awards

Elected AAPS Fellow 2001
A.F.I. award (2002, 2004 and 2010) for her cooperation with the Association as an academic member
Award of “ Commendatore al merito della Repubblica Italiana “ (2007) for academic services
First recipient of the “Ralph Shangraw Memorial prize “, IPEC America Foundation, Atlanta 2008

“Autorizzo l’ISS al trattamento dei miei dati personali e la loro conservazione ai fini organizzativi e amministrativi, secondo quanto previsto dal Regolamento UE 2016/679”