CURRICULUM VITAE

Luca Palugan
Academic Researcher

Educational Qualification

Bachelor science in Industrial Pharmacy, Università degli Studi di Milano (1998)
PhD Pharmacist in Drug Technology and Legislation (2003)

Work experiences

Researcher in Pharmaceutical Technology laboratory at Italfarmaco spa (1999-2001)
Grant holder at Pharmaceutical Technology laboratory – Institute of Pharmaceutical and Tossicological Chemistry at University of Milan (2001)
Employed as laboratory technician – Institute of Pharmaceutical and Tossicological Chemistry at University of Milan (2001-2005)
Academic Researcher – Department of Pharmaceutical Sciences at University of Milan (2005)

Five selected publications

The use of β-cyclodextrin in the manufacturing of disintegrating pellets with improved dissolution performances. L. Zema, L. Palugan, A. Maroni, A. Foppoli, M.E. Sangalli, A. Gazzaniga - AAPS PharmSciTech, 9, 708 (2008)

Optimisation and scale-up of a highly-loaded 5-ASA multi-particulate dosage form using a factorial approach. G. Di Pretoro, L. Zema, L. Palugan, D.I. Wilson, S.L. Rough, A. Gazzaniga - European Journal of Pharmaceutical Sciences, 45:1-2, 158 (2012)

Erodible Time-Dependent Colon Delivery Systems with Improved Efficiency in Delaying the Onset of Gastroresistant capsular device prepared by injection molding. L. Zema, G. Loreti, A. Melocchi, A. Maroni, L. Palugan, A. Gazzaniga – International Journal of Pharmaceutics, 440:2, 264 (2013)

Drug Release. M.D. Del Curto, L. Palugan, A. Foppoli, L. Zema, A. Gazzaniga, A. Maroni – Journal of Pharmaceutical Sciences, 11:103, 3385(2014)

Coated pellets for oral colon delivery. L. Palugan, M. Cerea, L. Zema, A. Gazzaniga, A. Maroni. - Journal of Drug Delivery Science and Technology, 25; 1 (2015)

Topics of interest

The main research lines are a) design and development of conventional and modified release (prolonged and delayed release, colon delivery) dosage forms, *b)* pellets formulation of composite compounds drug-□cyclodextrin, *c)* design and development of multi-particulate dosage forms, *d)* statistical optimization of formulations and pharmaceutical processes, *e) in vitro* evaluation of conventional and modified release dosage forms by dissolution test and statistical analysis of release profiles obtained

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