

## CURRICULUM VITAE OF DR. PAOLA MILLA

She graduated in Biological Sciences in the University of Turin, in July 1991.

In 1997 she has achieved the PhD in Pharmaceutical Chemistry.

In 1999-2001, with a renewal in 2002-2004, she has achieved an "Assegno di Ricerca", aimed to study the effect of inhibitors active site-directed on the activity of the enzymes oxidosqualene cyclase and squalene-hopene cyclase native and modified through site-specific mutagenesis.

Since the degree she has continued the full-time collaboration to the research, developed in the Laboratory of Applied Pharmaceutical Chemistry of Department of Pharmaceutical Science and Technology of Turin University, in the field of biochemistry, enzymology and clinical pharmacokinetics. During this period she has received a number of grants by public institutions or pharmaceutical industries and she has spent some months in the laboratory of the Prof. K. Poralla (University of Tübingen, Germany) and of the Prof. G. Daum (University of Graz, Austria).

Since December 2011 she is a Researcher (SSD CHIM/09) at the Department of Drug Science and Technology, Turin University.

From 2012 she is Assistant Professor in the Department of Drug Science and Technology of the University of Turin.

Her research activity mainly concerns the characterization, expression and localisation of eukaryotic oxidosqualene cyclases and prokaryotic squalene-hopene cyclase, the study of enzymatic inhibitors of potential pharmaceutical-technological interest, the study of the pharmacokinetics of antitumoral drugs and antibiotics, the delivery of drugs with nanoparticles and liposomes, the conjugation with proteins and polymers and the association with targeting moieties able to specifically recognize tumor antigens. All these works have been carried out in collaboration with several national and international multidisciplinary research teams.

She is tutor or co-tutor of the experimental work for the graduation thesis of students on the degree courses of Pharmaceutical Chemistry and Technology, Pharmacy, Drug Information and on the postgraduate school of Hospital Pharmacy of the University of Turin.

The scientific work of Dr. Milla has been published in 55 papers in national and international journals and presented to over 80 national and international conferences.