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## The role of drug delivery in Pharmacokinetic modulation of Pharmaceutical: modified release for a specific and targeted therapy

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The science of controlled release developed in the late 1940s and early 1950s by prolonged release products. The first drug associated to this mechanisms are associated with a patent in 1938 by Israel Lipowski. It is now well known that the pharmaceutical formulation in its all components is the main part that set the travel of the drug within human body. Drug delivery is the unique sciences that study this process. The excipients can modify the ADME Absorption Distribution Metabolism Excretion. Thus, the drug vehicle can guarantee a diverse effect. Therefore, it represents a pharmacokinetic modulation and therapeutic improvement. Even though many formulations are now on the market. The main interest of this poster is to assess the appropriateness of the efficacy and its safety of prolonged or modified release assessing the AUC Area Under The Curve by its prospective specific therapeutic use.

### Biography

Antonio Steardo specialized in [Pharmacology](#) and graduated in Pharmacy and Pharmaceutical Chemistry. He has now gained years of experience

since 2002 in the pharmaceutical products trade sector as he could have been behind the counter of the Steardo pharmacy from an early age. Already in elementary school, the curiosity for chemistry manifests itself during his games and continues lectures at the department of science at the University of Salerno. Therefore, during the cycle of studies, he prefers biochemistry and [biochemistry](#) of drug action, graduating in July 2007 with a thesis on the functioning of the endocannabinoid system on Alzheimer's disease in pharmacology. Following the beginning of his pharmaceutical chemistry studies, he stopped for a competition as a postgraduate in pharmacology at the University of Rome La Sapienza in July 2014. Expecting constant improvement as a professional update, he enrolled in the continuing professional training department at the University of Oxford to follow courses in [Experimental and Translation Therapy](#) and on [Medical Research](#). His desire to improve leads him to attend international conferences and seminars.

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