

3.00 credits

22.5 h

Q2

Teacher(s)	Frédéric Raphaël ;Hermans Emmanuel ;Sonveaux Pierre (coordinator) ;
Language :	French
Place of the course	Bruxelles Woluwe
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>1 To comprehend in an integrated manner all pharmaceutical aspects of a selected drug, allowing to position this drug in the therapeutic arsenal. The student will learn to analyze the concrete utility of new drugs as a training for his/her future role of drug expert. He/she will improve his/her critical and synthetic mind in order to present to peer students a summary of the major characteristics of the treatment, allowing him/her to provide an objective recommendation about this treatment</p>
Content	<p>Under the supervision of one of the course teacher, students are required to study, on the basis of scientific literature, different aspects of a drug or a drug candidate with which they could be confronted in their professional practice. The aspects covered include the nature of the drug, the history of its development, its pharmacological, pharmacodynamic, pharmacokinetic and pharmacological characteristics, its molecular activity explaining its mode of action and its major side effects in the treatment of one or more pathologies, its formulation (s) and route (s) of administration, the preclinical and clinical validation of its efficacy, its positioning in relation to other drugs in the treatment of this / these pathology (s), its use in combination therapy , etc. By developing a critical view of the synthesis in a supervised manner, the student will be able to summarize the main characteristics of a therapeutic molecule, in particular by placing particular emphasis on one or more aspects considered remarkable.</p> <p>Organization of teaching: On the basis of a selection from among several treatments (mainly new recently accepted drugs) proposed by the teachers, the student will work under the supervision of one of the course holders in the preparation of a scientific poster summarizing the main characteristics of the treatment. The teaching is not organized in the form of a lecture, but on the basis of regular interaction between the student and the teacher.</p>
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Pharmacy	FARM2M	3		