UCLouvain

lbbmc2214

2022

Molecular and cellular pharmacology seminar

2.00 credits	24.0 h	Q2

Teacher(s)	Dumont Patrick ;Knoops Bernard ;
Language :	English
Place of the course	Louvain-la-Neuve
Prerequisites	In-depth knowledge in molecular and cellular biology, physiology and biochemistry.
Main themes	During this course, a specific pathology or physiopathological ensemble, identified as susceptible to give rise to a pharmaceutical development, will be studied.The pathology studied will be different each year. The themes related to the pathology will be first addressed during conferences : the students will be invited to participate to a meeting organized by a Belgian scientific society (*Belgian Society for Biochemistry and Molecular Biology, Belgian Society for Cell and Developmental Biology*) or a *FNRS* contact group. During the second semester, two scientific articles related to the pathology studied will be given to each student for an in-depth analysis with the help of the teachers.
Learning outcomes	**At the end of this learning unit, the student is able to :** 1 This teaching unit will allow the students to improve their knowledge of the human pathology studied. The course, as a whole, will insist on the importance of a multi-disciplinary approach, taking into account the biological, chemical, genetic and pharmacological aspects allowing a global understanding of the pathology. At the end of the course, the student shall be able to analyze the recent data of the scientific literature regarding the different topics covered and to master the concepts related to the human pathology studied.
Evaluation methods	Each student will be invited to present the scientific articles analyzed during the year, in the form of an open discussion between the student and the two teachers of the course. The teachers will evaluate the understanding of the articles analyzed and the mastery of the different concepts related to the pathology studied.
Teaching methods	Participation to a scientific meeting ; one-on-one coaching of the students by the teachers for the analysis of scientific articles.
Content	The content of the course will be different each year and will depend on the conferences topics.
Inline resources	https://moodleucl.uclouvain.be/course/view.php?id=9950
Bibliography	Diapositives du cours disponibles sur Moodle UCL (format pdf) / Slides available online (Moodle UCL) in pdf format
Other infos	Coaching : the two teachers of the course are available to the students for helping them analyzing the scientific articles.
Faculty or entity in charge	SC

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Biochemistry and Molecular and Cell Biology	BBMC2M	2		