


4.00 credits

30.0 h

Q2

Teacher(s)	Lemaigre Frédéric (coordinator) ;
Language :	English
Place of the course	Bruxelles Woluwe
Prerequisites	<p>Basic knowledge in cell and molecular biology, as taught in baccalaureate. Knowledge of methodology and techniques commonly used in cell and molecular biology.</p> <p><i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i></p>
Main themes	<p>Students, individually or in pairs, select a research article from the recent literature. The paper must be published in a peer-reviewed journal, in english; review papers are excluded. The teacher validates the students' selection. The paper forms the basis for the student's work.</p>
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>1 The objective is to teach students how to build a research project in the field of cell and molecular biology.</p>
Evaluation methods	<p>The written project is evaluated on (i) originality , (ii) selection of methodology, (iii) coherence and biological relevance, (iv) quality of writing.</p>
Teaching methods	<p>Tutorate: The project is discussed and designed with the teacher. The student then submits a project which is corrected by the teacher. The student gets the opportunity to submit a revised and final version.</p>
Content	<p>A group of two students (maximum 3) first selects a research article from the recent literature. The paper must be published in a top-level peer-reviewed journal, in english; review papers are excluded. The student make an appointment with the teacher who then validates the students' selection. The paper forms the basis for the students' work. Based on the selected paper, the students propose a research project that is a follow-up of the article, or which is inspired by the article. The project must be written with graphical abstract, introduction, description of aims and methodology, perspectives, and bibliography.</p> <p>At the end of the teaching, the students must master the principles determining the construction of a research project.</p>
Other infos	<p>The project must be written in english.</p>
Faculty or entity in charge	SBIM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Biomedicine	SBIM2M	4	WSBIM2280 AND (WSBIM2112 OR WSBIM2151)	
Master [60] in Biomedicine	SBIM2M1	4		