

2.0 credits	30.0 h	2q
-------------	--------	----

Teacher(s) :	Renauld Jean-Christophe ; Kienlen-Campard Pascal (coordinator) ; Dumoutier Laure ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	<ul style="list-style-type: none"> <li>-culture of cell lines in sterile conditions ;</li> <li>-cell analysis by fluorescent microscopy ;</li> <li>-biochemical assays (proteins, cell proliferation and cell survival assays) ;</li> <li>-introduction to FACS analysis and study of the characteristic profile of selected cell populations.</li> </ul>
Aims :	<p>The aim is to learn the basic techniques of cell biology:</p> <ul style="list-style-type: none"> <li>-cell culture and propagation ;</li> <li>-morphological and microscopic examination of the cells ;</li> <li>-analysis of cell proliferation and cell survival,</li> <li>-introduction to the analysis of cell populations by FACS (Fluorescence-Associated Cell Sorter).</li> </ul> <p>Our aim is also to train students to write a laboratory notebook and a training course report.</p> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Content :	This training course takes place during 5 consecutive afternoons in two research laboratories of the Faculty. Students will work in small groups (usually 2 students) under the supervision of a research scientist.
Other infos :	<p>Prérequisites : those of Bac2.</p> <p>Links : This training course requires knowledges from the practical courses of biology (Bac1, MD1107, General Biology) and prepares to the further laboratory training courses (SBIM9212, Stage de laboratoire)</p> <p>Assessment : continuous and on the basis of the training course report.</p> <p>Supervision : an assistant (with the help of other members of the research group).</p>
Cycle and year of study :	<a href="#">&gt; Bachelor in Biomedicine</a>
Faculty or entity in charge:	SBIM