

2 credits

30.0 h

Q2

Teacher(s)	Dauguet Nicolas ;Dumoutier Laure (coordinator) ;
Language :	French
Place of the course	Bruxelles Woluwe
Prerequisites	<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>
Main themes	-culture of cell lines in sterile conditions ; -cell analysis by fluorescent microscopy ; -biochemical assays (proteins, cell proliferation and cell survival assays) ; -introduction to FACS analysis and study of the characteristic profile of selected cell populations.
Aims	<p>1 The aim is to learn the basic techniques of cell biology: -cell culture and propagation ; -morphological and microscopic examination of the cells ; -analysis of cell proliferation and cell survival, -introduction to the analysis of cell populations by FACS (Fluorescence-Associated Cell Sorter). Our aim is also to train students to write a laboratory notebook and a training course report.</p> <p>-----</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	Prérequisites : those of Bac2. 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) Assessment : continuous and on the basis of the training course report. Supervision : an assistant (with the help of other members of the research group).
Faculty or entity in charge	SBIM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Biomedicine	SBIM1BA	2	WMD1120 AND WSBIM1001	