

2.00 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.
Learning outcomes	<b>At the end of this learning unit, the student is able to :</b>  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 (Fuorescence-Associated Cell Sorter). Our aim is also to train students to write a laboratory notebook and a training course report.
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

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Biomedicine	<a href="#">SBIM1BA</a>	2	WMD1120 AND <a href="#">WSBIM1001</a>	