UCLouvain

lvet1295

2020

Animal cell biology : complements

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

2 credits	20.0 h	Q2

Teacher(s)	Knoops Bernard ;Morsomme Pierre ;Van Der Eecken Valérie (compensates Knoops Bernard) ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	*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.*
Aims	1 At the end of the course, the students should be able to : - Describe most aspects of animal cell function (mitosis, protein synthesis, receptors and signaling pathways') - Describe how the neuro-muscular system and the main sensory organs work - Solve simple clinical cases related to those functions - Make link with other courses (anatomy, histology, biochemistry At the end of the course, the students will have a thorough knowledge of: - Animal cell biology (complementary with biochemical courses) Nervous physiology (central and periphery nervous system, sensory organs) and muscle physiology (skeletal and smooth muscles) - - - - *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".*
Evaluation methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Oral and/or written examination
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Lectures
Content	Table of Contents : Animal cell biology : • Nucleus organisation • Transcription and translation • Cytoskeleton and cell motility • Cell cycle • Cell death : necrosis, necroptosis, apoptosis and autophagy • Biomembranes • Cell communication
Bibliography	Diapositives powerpoint disponibles sur moodle. Les livres de référence sont disponibles en bibliothèque
Faculty or entity in charge	VETE

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Veterinary Medicine	VETE1BA	2	LBIO1111	🔍