

2.00 credits

26.0 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	<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>
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>At the end of the course, the students should be able to :</p> <ul style="list-style-type: none"> - 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 1 - Solve simple clinical cases related to those functions - Make link with other courses (anatomy, histology, biochemistry) <p>At the end of the course, the students will have a thorough knowledge of:</p> <ul style="list-style-type: none"> - Animal cell biology (complementary with biochemical courses) <p>Nervous physiology (central and periphery nervous system, sensory organs) and muscle physiology (skeletal and smooth muscles)</p>
Evaluation methods	Oral and/or written examination
Teaching methods	Lectures
Content	<p>Table of Contents :</p> <p>Animal cell biology :</p> <ul style="list-style-type: none"> • 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	Learning outcomes
Bachelor in Veterinary Medicine	VETE1BA	2	L BIO1111	