

강의계획서(2020년 1학기)

교과목명	Veterinary Histology & Practice 1	분반	1	담당교수명	태현진
과목코드	0000126283				
학과·학년		학점	4.0	연구실번호	
요일, 시간	목 2-A, 목 2-B, 목 3-A, 목 3-B, 목 4-A, 목 4-B, 목 6-A, 목 6-B, 목 7-A, 목 7-B, 목 8-A	교과목구분	일반선택	강의실	익산: 제2 수의학관 306 익산: 제2 수의학관 309

수업목표	<p>Histology is called microscopic anatomy and is very closely related to anatomy. Based on the knowledge of the anatomy, I will be familiar with the organ's schematic diagram of the basic microstructure and confirm it through the microscope.</p> <ol style="list-style-type: none"> 1. Understand and distinguish the morphology and characteristics of the 4 type animal cells. 2. The composition of cells, tissues, organs, system and the body can be divided into units, and the features appearing on each tissue cutting plane can be described. 3. The classification of the cells that make up the tissue is justified and can be distinguished. 4. Based on 1-3, you can give evidence of what kind of organ (tissue) is shown in the photograph. 5. Morphological structure of tissue and bio-functional features can be described in connection. 6. Staining methods that differentiate the characteristic structures of tissues can be suggested.
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직전 강의평가 반영사항	I am going to use a microphone, and I will be familiar with anatomy knowledge before the start of class and understand histological structure through schematic diagram. After the histology class, you can observe the lesson
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6대 핵심역량과의 관계

구분	소통역량	창의역량	인성역량	실무역량	모형역량	문화역량	합계
강의반영 비율(%)	20	20	20	20	10	10	100

주별 내용						수업방식별시간	
						온라인	오프라인
제 1주	1. Cytology: Introduction to Histology / Eukaryotic Cell Structure and Intracellular Microstructure / Types and Roles of Organelles, Skeletal Structure, Cell Cycle, Cell-to-Cell Connection Structure						
제 2주	2. Epithelial tissue: Characteristics of epithelial tissue, various forms of superficial epithelium.						
제 3주	3. Epithelial tissue: Morphological features and secretions of glandular epithelium						
제 4주	4. Connective and Supporting Tissue: Definition of connective and supportive tissues, types and characteristics of connective tissue cells / types and characteristics of connective tissue fibers						
제 5주	5. Connective tissue and supporting tissue: Definition and composition of intangible tissue, embryonic connective tissue, mesenchymal cells and mucous connective tissue / matured connective tissue.						
제 6주	6. Connective and supportive tissues: mature supportive tissues (chondrocytes, cartilage classification and cartilage development, bone cells and bone maturing, bone structural and functional features, bone development and bone growth, bone modeling and bone reconstruction, types of joints Characteristic						

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제 7주	7. Blood and bone qualities: the function and function of blood (plasma, erythrocytes, white blood cells), platelets, bone structure		
제 8주	8. Blood and Bones: Blood Cell Formation and Regulatory / Granule Formation, Monocyte Formation, Red Blood Cell Formation, Platelet Formation, Lymphocyte Formation		
제9주	9. Muscle tissue: Characterization of muscle tissue and classification of muscle cells / structure and contraction process of smooth muscle, development of smooth muscle, hypertrophy, regeneration / structure and contraction of skeletal muscle, classification of skeletal muscle fibers, formation of skeletal muscle , Hypertrophy, play		
제 10주	10. Muscle tissue: structure of heart muscle, cardiac nodules and stimulating fibers, contraction of heart muscle, generation, hypertrophy, regeneration of heart muscle		
제 11주	11. Neural tissue: The parenchyma of nerve tissue, classification of nerve tissue, structure of nerve cells, classification and site of nerve cells, neurotransmission methods of nerve cells / neuroglial cells of central nervous system and peripheral nervous system		
제 12주	12. Nervous system: Definition of peripheral nervous system, nerves of peripheral nervous system, ganglia, raw nerve cell, receptor / histologic features of central nervous system consisting of receptor / brain and spinal cord / meninges, blood vessels, cerebrospinal fluid		
제 13주	13. Cardiovascular system: Introduction to vascular system and lymphatic system, structure and function of blood vessels / histological features of vascular endothelial, arterial vessels, microvascular vessels, and veins Blood vessels, lymphatic vessels, nerve distribution / lymphoid system		
제 14주	14. Immune system: Division of immune system (natural and adaptive immunity) / Function of lymphocyte types, plaque cells and antigen-presenting cells / spread lymph tissue and lymph nodes / primary lymphoid organs that form organs and organs , Swollen lymph nodes in distant part of small intestine, algae excretory sac		
제 15주	15. Immune system: Histological features and roles of secondary lymphoid tissues and organs (mucosa and lymph nodes, spleen, blood cells and milk spots) and final exam		
제 16주			

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권장 선수과목											
주교재	Dellmann's Textbook of Veterinary Histology, Color atlas of Veterinary histology										
저자	Eurell JA & Frappier BL, William J. Hacha, Jr. and Linda M. Bacha	출판사	Wiley-blackwel	출판년도	2012						
참고자료	Color atlas of Veterinary histology, William J. Hacha, Jr. and Linda M. Bacha, Willey-blackwel										
교재언어	영어					강의언어	영어				
필요기자재	PPT Beam projector										
상대/절대평가 구분	절대평가		상대평가 II 비율 (A:A+B:C이하)		0	:	0	:	0	총 비율 (%)	0
절대평가 기준											
평가계획	평가 요소별 배점										
	중간	40%	기말	40%	출석	10%	과제물	5%	안전교육	5%	
기타()											
참고 사항	* 장애학생 교수학습지원 사항										
	- 강의 <input checked="" type="checkbox"/> 강의 파일, 자료 등 제공 <input type="checkbox"/> 좌석배치(지정좌석) 조정 <input type="checkbox"/> 기타:										
	- 과제 <input checked="" type="checkbox"/> 과제 제출기한 연장 <input type="checkbox"/> 대안적 과제 제시										
	- 평가 <input checked="" type="checkbox"/> 시험시간 연장 <input type="checkbox"/> 평가방법 조정(대독, 구두응답, 도우미 대필 답안작성 등) <input type="checkbox"/> 별도의 시험 장소 제공 <input type="checkbox"/> 기타:										
	<input type="checkbox"/> 그 외(필요시 자유로이 추가 기술)										
※ 위 지원사항 등을 포함한 강의, 과제, 시험 등 학습과정에서 장애로 인하여 추가 지원이 필요한 경우 개강전 담당강사 및 장애학생지원센터를 통해 문의 바랍니다.											