

MOLECULAR TECHNIQUES IN HISTOLOGY LABORATORY

1	Course Title:	MOLECULAR TECHNIQUES IN HISTOLOGY LABORATORY	
2	Course Code:	VHE6022	
3	Type of Course:	Optional	
4	Level of Course:	Third Cycle	
5	Year of Study:	1	
6	Semester:	2	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Dr. Öğr. Üyesi Tuncay İLHAN	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	Tel: 0224 2941266 E-mail: tilhan@uludag.edu.tr Bursa Uludağ Üniversitesi Veteriner Fakültesi A Blok Histoloji-Embriyoloji A.D.	
17	Website:		
18	Objective of the Course:	Teaching the most used molecular techniques in the histology laboratory.	
19	Contribution of the Course to Professional Development:	To learn the molecular techniques that can be used in scientific laboratory studies in the field of histology and to reach the competence to apply.	
20	Learning Outcomes:		
		1	To be able to make calculations for laboratory applications.
		2	To be able to apply the techniques of purification of macromolecules, gel electrophoresis and spectrophotometric analysis on their own.
		3	To gain the ability to use histological methods and molecular techniques in a laboratory.
		4	
		5	
		6	
		7	
		8	
		9	
		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Safety in the molecular biology laboratory; Presentation of laboratory and laboratory equipments.		

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
----------------------------	-------------------	--------------	-----------------	---------------	--------------------