

HISTOLOGY II

Code: 90009 Curricular Year: 1st Semester: 2st Compulsory Credits: 4,5 ECTS

Lecturers: Mário António Soares de Pinho (CCP and R) and José Ferreira da Silva

1. Contact hours:

Lectures - 28 hours. Practicals – 28 hours. Total: 56 hours

2. Objectives:

Theoretical and practical learning of the microscopic structure of organs and systems of domestic animals body, relating this knowledge with their functions.

3. Programme:

Study of the histology and histophysiology of the main systems of domestic animals body: circulatory system, skin and mammary gland, digestive system (gastrointestinal tract, liver, gallbladder and pancreas); respiratory system; urinary system; endocrine organs and male and female reproductive systems.

4. Bibliography:

Abrahamsohn, P. (Coord.). *Histologia Básica Texto e Atlas Junqueira & Carneiro*, 13^a ed., Guanabara Koogan, Rio de Janeiro, 2017.

Young, B. O'Dowd G. & Woodford P. *Functional Histology. A text and colour atlas*, 6th ed. Elsevier, Churchill Livingstone, London, 2013.

Ferreira da Silva, J. & Pinho, M. *Guia Ilustrado para as Aulas Práticas de Histologia II*. Lisboa, 2021.

5. Assessment:

Students are assessed in a final examination, at the end of the semester, that includes a laboratory work (diagnosis of histological sections) and a theoretical test. The final mark is the result of the weighed average of the laboratory mark (40%) and theoretical test (60%).