

## HISTOLOGY II

**Study programme:** MIMV    **Curricular Year:** 1<sup>st</sup>    **Semester:** 2<sup>st</sup>    **Compulsory**    **ECTS:** 4,5

**Lecturers:** Mário Pinho (CCP and R), José Ferreira da Silva, Ana Amaral

**1. Contact hours:** Lectures - 28; Practicals – 28

**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<sup>a</sup> ed., Guanabara Koogan, Rio de Janeiro, 2017.

Ferreira da Silva, J. & Pinho, M. *Guia Ilustrado para as Aulas Práticas de Histologia II*. Lisboa, 2024.

Histology Guide, virtual microscopy laboratory. <https://histologyguide.com/> [June 20, 2024]

**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%).