



Schedule of lectures from **Histology and Embryology 2** for students of the 2nd year, **General Medicine** study program in the academic year 2024/2025

1	20 September 2024	Microscopic structure of the heart and blood vessels. Types of capillaries. Development of the human cardiovascular system. <i>Lecturer: prof. RNDr. Ivan Varga, PhD.</i>
2	27 September 2024	Microscopic structure of the alimentary canal - from the oral cavity to the anus. <i>Lecturer: Assoc. Prof. RNDr. Marianna Danková, PhD.</i>
3	4 October 2024	Development of the primitive gut and its derivatives. Overview of the microscopic structure of the liver and pancreas. <i>Lecturer: prof. RNDr. Ivan Varga, PhD.</i>
4	11 October 2024	Functional histology of lymphatic organs. Thymus, bone marrow, spleen and lymph nodes. Mucosa associated lymphoid tissue. <i>Lecturer: Paulína Gálfiová, MD, PhD.</i>
5	18 October 2024	Development and microscopic structure of the respiratory system. Mucociliary clearance of the respiratory system. Blood-air barrier. <i>Lecturer: prof. RNDr. Ivan Varga, PhD.</i>
6	25 October 2024	Development of the urinary system. Microscopic structure of the kidney and draining urinary tract. <i>Lecturer: prof. RNDr. Ivan Varga, PhD.</i>
7	1 November 2024	<i>National Holiday</i>
8	8 November 2024	Development of the male reproductive system. Microscopic structure of the testis and clinical aspects of sperm development. <i>Lecturer: prof. RNDr. Ivan Varga, PhD.</i>
9	15 November 2024	Microscopic structure of the female reproductive system. Ovarian and menstrual cycle. Overview of the development, structure and functions of the placenta. <i>Lecturer: Assoc. Prof. RNDr. Marianna Danková, PhD.</i>
10	22 November 2024	The pharyngeal region of the embryo and its derivatives. Development of the face and anterior part of the neck. Microscopic structure of endocrine organs. <i>Lecturer: Mgr. Michal Miko, MD, PhD.</i>
11	29 November 2024	Overview of the microscopic structure of the central nervous system. Structure of the cerebral cortex, cerebellum, spinal cord and peripheral nervous system. <i>Lecturer: Assoc. Prof. RNDr. Marianna Danková, PhD.</i>
12	6 December 2024	Neural tube and development of the central and peripheral nervous system. Neural crest and its derivatives. <i>Lecturer: prof. RNDr. Ivan Varga, PhD.</i>
13	13 December 2024	Development of skin and skin derivatives. Development of the skull, spine and limbs. Overview of the microscopic structure of the skin. <i>Lecturer: Assoc. Prof. RNDr. Marianna Danková, PhD.</i>
14	20 December 2024	Overview of the microscopic structure and development of human sensory organs. <i>Lecturer: Assoc. Prof. RNDr. Marianna Danková, PhD.</i>

