

	DATE	TIME	LECTURE HALL	TOPICS
1	5.11.2026	11:15	AULA	Basic properties, structure and functions of living organisms, molecular nature of life. Cell structure – prokaryotic and eukaryotic cells, cell organelles, their structure and function Viruses, viroids and prions General characteristic of biomembranes, molecular structure of biomembranes; movement of molecules through the membrane
2	10.12.2026	11:15	AULA	The structural organization of genome - organization of DNA in genomes, the basic principles of human cytogenetics Cell cycle I. - replication of DNA, DNA repair Cell cycle II. - cell cycle, control of cell cycle, mitosis Cell cycle III. - meiosis, spermatogenesis, oogenesis, fertilization in human