**FACULTY OF MEDICINE, 1st year: CELL BIOLOGY WITH CYTOPHYSIOLOGY**

**Lecture topics:**

1. Introduction to cytology

2. Cell membrane, transport across membranes

3. Adhesion molecules.

4. Cell organelles (part 1)

5. Cell organelles (part 2)

6. Intracellular compartments

7. Cytoskeleton

8. Cell cycle

9. Cell differentiation and senescence

10. Types of cell death