**FACULTY OF MEDICINE, 1st year: EMBRYOLOGY**

**Lecture - topics:**

1. Acquaintance with Health and Safety at Work Regulations. Introduction to embryology. Historical perspectives.

2. Gametogenesis – oogenesis and spermatogenesis.

3. Transport of gametes and fertilization.

4. Cleavage and implantation.

5. Gastrulation.

6. Basic embryonic body plan. Development of ectodermal, mesodermal and endodermal germ layers.

7. Fetal membranes – structure and significance.

8. Development of the cardiovascular and digestive system

9. Development of the respiratory and urogenital system.

10. Development of nervous systems and sense organs

11. Development of the integumentary system.