Istanbul Medipol University

Learning Outcomes of Histology and Embryology M.S

AIM

"Micro and nano level imaging technologies are some of the highly sought-after tools of today. Thus, our goal, as the Istanbul Medipol University Department of Histology and Embryology, is to train histologists who is proficient at ultrastructural imaging technologies; can develop novel medical histo-technological procedures; can apply these technologies to scientific research.

KNOWLEDGE
Theoretical/Factual

Graduates
PO.1. Know about histology of basic tissue, basic embryological development, mechanisms of routine microscopy preparation techniques, and the basics of active use of a microscope
PO.2. Have knowledge of ethics of research and the rules of documenting a research

SKILLS
Cognitive/Practical

Graduates
PO.3. Can do planning in clinical routine and in a research
PO.4. Can relay information about basic histology-embryology
PO.5. Can work on tissue preservation, tissue dye and do microscopic examination
PO.6. Can do literature review
PO.7. Can attend both clinical and nonclinical studies and make proposals for methods
PO.8. Can document outcomes

COMPETENCY
Ability to work independently and take responsibility

Graduates
PO.9. Adopt life-long learning
PO.10. Express themselves by using resources in Histology-Embryology and in the areas of histotechnical science, and communication techniques
PO.11. Improve their critical thinking, and can create strategies.

Learning Competence

PO.12. Assume the responsibility for their skills, to be a leader in field.

Communication and Social Competence

PO.13. Behave with an ethical concern in both clinical and nonclinical preparation.
PO.14. Have the awareness of business ethics and create a secure working environment, evaluate the contributors.

Field-based Competence

PO.15. Exhibit scientific assets in national or international scientific meetings using foreign languages besides their mother language.
PO.16. Promote interdisciplinary cooperation with the consciousness of social responsibility and remain true to professional secrecy, create final declaration within the framework of the quality.