



T.C.  
MERSİN UNIVERSITY  
INSTITUTE OF HEALTH SCIENCES

**DEPARTMENT OF MEDICAL BIOCHEMISTRY**

**GRADUATE PROGRAMS**

**2025**

# HISTORY

- The Department of Medical Biochemistry was established in 1998. The Biochemistry Laboratory was opened on March 14, 1999, to perform routine clinical biochemistry tests upon the opening of the Faculty of Medicine Hospital.
- The department has three professors. In addition to biochemistry courses, medical biochemistry specialization is offered, as well as master's and doctoral degrees under the Health Sciences Institute. Seven doctoral and ten master's students have graduated from the graduate programs. Seven medical specialists and one doctoral student are currently pursuing their training.
- A total of 481 articles have been published in Medical Biochemistry, 393 of which are international and 88 national. We have also presented at 139 international and 200 national congresses. We have authored 14 books. Our faculty members have led 35 projects and contributed as researchers to 55 others.

# ACADEMIC STAFF

- **Academic staff:**  
3 faculty members,  
7 research assistant doctors
- **Administrative staff:** 3 Biologists, 1 Chemist, 8 Health Technicians, 9 Health Technicians, 3 Laboratory Technicians, 2 Clerks, 3 Data Preparation and Control Operators, 1 Support Personnel, and 1 Assistant Personnel are working in our department.

## FILEDS OF RESEARCH

- **For routine analysis;**
- Biochemistry Laboratory,
- Urine Laboratory,
- Hormone Laboratory,
- Hematology Laboratory,
- HLA Tissue Typing Laboratory,
- Molecular Laboratory,
- We have Elisa, HPLC, AAS Laboratories and a Research Laboratory.

**\*\*Laboratory facilities are provided for students of the Faculty of Medicine and Faculty of Dentistry for the practical courses offered within the program.**

# PROGRAM COMPETENCIES

- **Qualification Requirements and Rules**

Successfully completing at least 21 credits (60 ECTS) of courses and seminars in the graduate programs of the department or other related departments (scoring at least 75 out of 100 points), and successfully defending a thesis (60 ECTS) in a related field before a jury.

1. Faculty of Medicine; Term 1, Term 2 and Term 3 Biochemistry Courses
2. Dentistry; Medical Biochemistry and Clinical Biochemistry Courses

- **Graduate Courses Offered by Our Department**

- Master's Degree;
- Organic Chemistry and Biochemistry
- Basic Biochemistry I
- Basic Biochemistry II
- Structure of Biological Membranes
- Nucleic Acid Biochemistry
- Molecular Techniques
- Lipid Biochemistry
- Carbohydrate Biochemistry
- Laboratory Techniques and Methods I
- Laboratory Techniques and Methods II

- **PhD;**
- Lipid Biochemistry
- Carbohydrate Biochemistry
- Protein Biochemistry
- Clinical Biochemistry
- Organ Functions and Biochemistry
- Cancer Biochemistry
- Blood Biochemistry
- Pediatric Pregnancy and Aging Biochemistry

# EMPLOYMENT OPPORTUNITIES

- Our graduates work in the healthcare sector and at universities.

# CONTACT

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