



SAĞLIK
BİLİMLERİ
ENSTİTÜSÜ



ENSTİTÜSÜ
BİLGİLERİ

PHARMACY (BIOCHEMISTRY)GRADUATE PROGRAMS



ACADEMIC STAFF

- **Prof. Dr. Aymelek GÖNENÇ (Head of Department)**
- **Prof. Dr. Sevgi AKAYDIN**
- **Prof. Dr. Yeşim ÖZKAN**
- **Assoc. Prof. Aysun HACIŞEVKİ**
- **Asst. Prof. Emel ÇALIŞKAN CAN**
- **Asst. Prof. Ece MİSER SALİHOĞLU**
- **Asst. Prof. Simla OLGAÇ**
- **Asst. Prof. Taylan TURAN**
- **Research assistant Turgut KAYA**



FIELDS OF RESEARCH



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- Cardiovascular, cancer, diabetes, kidney diseases, infertility, Alzheimer's and free radical metabolism, oxidant and antioxidant measurements in inflammatory diseases
- Platelet signaling pathways and aggregation mechanisms
- DNA damage and repair mechanisms
- Endoplasmic reticulum stress
- Blood-brain barrier homeostasis in obesity, microvasculature and tight junctions and bioneurocritical markers
- Apoptosis
- Genetic polymorphism and PCR based techniques
- Enzyme activity screening tests and elucidation of inhibition mechanisms



RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)



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In our 3 research laboratories;

1. HPLC (High Performance Liquid Chromatography)
2. PCR (Polimeraz Chain Reaction)
3. Gel imaging
4. Western blot electrophoresis
5. Cell culture laboratory
6. Aggregometer (APACT 4004)
7. Hematology analyzer
8. SpectraMax i3x Multi-Mod plate reader
9. Basic laboratory equipment





2024/2025 Fall Semester Quotas and Program Admission Requirements

| QUOTA | | SCORE TYPE | PROGRAM TYPE | SCORE CRITERIA | | |
|-----------------|-------------------------|------------|-----------------|----------------------|------------------------|-------------------------------------|
| MASTER'S DEGREE | FOREIGN NATIONAL MA/DR. | | | ALES SCORE/ *TUS* | FOREIGN LANGUAGE SCORE | GRADUATION GRADE (UNDERGRADUATE/MA) |
| 8 | | NUM. | MASTER'S DEGREE | 65 | 55 | 3.00/4.00 |

UNDERGRADUATE PROGRAMS ADMITTING STUDENTS

| | | | | |
|-----------------|------|--|------|-------------------------------------|
| MASTER'S DEGREE | 5370 | Medicine Faculty | 2116 | Biochemistry |
| | 2544 | Pharmacy Faculty | 2154 | Biotechnology and Molecular Biology |
| | 4202 | Molecular Biochemistry and Genetics | 3754 | Chemical and Biological Engineering |
| | 4203 | Molecular Biology | 1966 | Nutrition and Dietetics |
| | 7174 | Molecular Biology, Genetics and Bioengineering | | |





2024/2025 Fall Semester Quotas and Program Admission Requirements

| QUOTA | | SCORE TYPE | PROGRAM TYPE | SCORE CRITERIA | | |
|-----------|-------------------------|------------|--------------|----------------------|------------------------|-------------------------------------|
| DOCTORATE | FOREIGN NATIONAL MA/DR. | | | ALES SCORE/ *TUS* | FOREIGN LANGUAGE SCORE | GRADUATION GRADE (UNDERGRADUATE/MA) |
| 4 | | NUM. | DR. | 70 | 65 | 3.00/4.00 |

UNDERGRADUATE PROGRAMS ADMITTING STUDENTS

| | | | | |
|-----------|------|---------------------------------|------|--|
| DOCTORATE | 5370 | Medicine Faculty | 2121 | Biochemistry and Clinical Biochemistry |
| | 2544 | Pharmacy Faculty | 4202 | Molecular biology and genetics |
| | 3648 | Cancer Biochemistry | 2115 | Biochemistry (Pharmacy) |
| | 2119 | Biochemistry (Medicine) | 2838 | Pharmaceutical Biochemistry |
| | 5315 | Medical Biochemistry (Medicine) | | |

