



T.C.
MERSİN UNIVERSITY
INSTITUTE OF HEALTH SCIENCES

DEPARTMENT OF DEPARTMENT OF PHARMACY PHARMACOLOGY

GRADUATE PROGRAMS

2025

HISTORY

- Department of Pharmacy Pharmacology, taking the place in Mersin University, Faculty of Pharmacy, Department of Pharmacy Professional Sciences has started its activities on 10/09/2001. With the establishment of new departments within the Department of Professional Sciences, since 03/05/2007, it has been continuing the educations at the undergraduate and graduate level as Pharmacology Department. In the B and C blocks of the Mersin University Yenişehir Campus, which has a usage area of 1353 m², our education activities are carried out with the study rooms for faculty members and graduate students, student classrooms, and 3 research laboratories in a total area of 78 m².

ACADEMIC STAFF

- In the Department of Pharmacy Pharmacology, 2 Professors (Prof. Dr. Bahar TUNCTAN and Prof. Dr. Seyhan SAHAN FIRAT) and 1 Asst. Prof. (Asst. Prof. Meryem TEMİZ REŞİTOĞLU) are working at the undergraduate and graduate-level education and training. Our faculty members have received domestic and international training before and after the doctorate and have qualified academic qualifications in their fields. In addition to the education and training activities given by our faculty members, qualified scientific projects, international and national scientific studies and publications are produced.
- In addition to the training and research activities of our faculty members at the associate, undergraduate, and graduate levels, they serve as the chairman or member in various boards and commissions such as our Faculty's Administrative Duties and Academic Encouragement Regulation, Supervision and Appeals Committee, Clinical Research Ethics Committee, Animal Experiments Local Ethics Committee, Environmental Ethics Committee, Bologna Coordination Commission, Scientific Publications Evaluation Board, Occupational Health and Safety Coordinator. Our faculty members also participate in training on safe drug use organized by pharmacists, physicians, and the public by institutions and organizations such as the Turkish Pharmacists' Association Pharmacy Academy, Mersin Chamber of Pharmacists, and Mersin Provincial Health Directorate. In addition, our faculty members work as editors, assistant editors, or referees in various national and international journals, and as moderators, panelists, or referees in projects supported by TÜBİTAK, TÜSEB, the European Union, and various universities.

FILEDS OF RESEARCH

- In our department, in vivo, in vitro and molecular studies are carried out on septic and non-septic shock, hypertension, inflammation, ischemia-reperfusion injury, atherosclerosis, myocardial injury, oxidative and nitrosative stress and pain, especially in cardiovascular and renal system pharmacology.
- In the Department of Pharmacy Pharmacology, graduate education is based on "Minimum Requirements in Postgraduate Pharmacology Education" determined by the Turkish Pharmacology Association. Our graduate students have education and research opportunities in our research laboratories equipped with high technology machinery-equipment within our Department. Necessary attempts are made by our faculty members for our students to receive education in their educational fields in abroad, before and after graduation in our country. In addition, our students are provided with training opportunities abroad within the scope of Exchange Programs such as Erasmus +, Farabi, and Mevlana.

PROGRAM COMPETENCIES

- Assess the benefit/risk and cost/benefit ratios of therapy with drugs used to treat for diseases.
- Discriminates and achieve rational use of unprescribed and over-the-counter drugs.
- Achieves rational drug use in pregnancy and elderly as well as pediatric population.
- Gains knowledge about reasons and results of drawn back and collections of drugs from market.
- Gains knowledge about new drug development during preclinical and clinical studies.
- Gains knowledge about authorization procedures of a new drug approval.
- Gains knowledge about side, toxic, and adverse drug effects and drug interactions.
- Gains ability to plan a research, to assess and make comments about the results, and to be able to present the results.
- Gains ability to work in several fields such as Faculty of Pharmacy, Faculty of Medicine, or Faculty of Dentistry, hospitals, and drug industry as a capable person who has a sufficient background in Pharmacology.
- Explains the basic concepts of science and how scientific knowledge is produced.
- Describes the ethical value and issues.

EMPLOYMENT OPPORTUNITIES

- The Department of Pharmacy Pharmacology of the Faculty of Pharmacy aims to provide its students with the knowledge, skills and attitudes necessary for the quality and competence to be able to have an effective presence in the fields of medicine and health in our country, and to carry out and develop research activities that will contribute to the world of science within the framework of international ethics and values.
- It carries out an education program that will be useful in the fields of Independent Pharmacy, Hospital Pharmacy and Industrial Pharmacy and will ensure that students have the basic knowledge and equipment they may need in line with these fields.

CONTACT

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