

Department of Pharmacology & Therapeutics



Pharmacology is an essential component of the modern undergraduate and postgraduate medical curricula and a number of other disciplines like nursing, pharmacy, dentistry veterinary medicine etc. To fighting diseases with drugs is as old as man. The undergraduate teaching program in basic and clinical pharmacology provides students with scientific base of its application. The curricula are designed to brace the students with the clinical significance of learning the subject. The subject matter is delivered through:

Lectures

Tutorials

Small group Discussions

Experimental Work

Presentations

Audio-visual help

Internet access

The student and teaching faculty is equally assessed by feed-back system in the college. The students achieve the capability to appear in international examinations like USMLE, PLAB etc. They are given short essay questions, multiple choice questions, OSPE/OSCE, Basic Pharmacy Practicals, introductory knowledge of experimental pharmacology Practical in intact animals/isolated tissues and human beings. The students also learn the basic principles of Research Methodology and Biostatistics. At the end of session they are able to write a prescription and can manage drug toxicity. Clinical pharmacology is focused on clinical relevance of the theoretical knowledge. Students are given field work to collect information about the drugs & related diseases.

The Department of Pharmacology in Akhter Saeed Medical College comprises of commodious lecture theatres, laboratory, museum and demonstration room which are equipped with latest audio-visual teaching aids. The Pharmacology department has been set up with all the equipments/apparatus required for pharmacy practical's and experimental pharmacology. The Pharmacology Museum has various drugs specimens, charts and models. There is an animal house to provide experimental animals for the practicals and research work.

Head of Department

Captain (R) Dr. Maqsood Ahmad

MBBS, M.Phil.

Professor



Prof. Dr. Maqsood Ahmad started his career as general duty medical officer (Captain) in Pakistan Army after graduation from Nishtar Medical College, Multan in 1976. He served in hard areas of Baluchistan and Sindh for a couple of years and then joined Pharmacology Department, Quaid-e-Azam Medical College Bahawalpur in November, 1978. In April 1984 he got M.Phil (Pharmacology) degree from Postgraduate Medical Institute, Lahore & was 6th student of the discipline in the field awarded the qualification. The area of special interest remained gastrointestinal pharmacology. The experience and the qualification required to become Professor was completed in 1992. In 2003, he was promoted as Professor, Pharmacology, Nishtar Medical college, Multan on regular basis. He has spent a period of 36 years in learning and teaching pharmacology to the undergraduate and postgraduate students of MBBS, M.Phil, BDS, B. Pharmacy and Diplomas of different disciplines. He also served as an Honorable Member of Drug Court, Bahawalpur. He got a respectful retirement from Punjab government service in December 2011 and joined Akhtar Saeed Medical & Dental college, on 1st March 2012 considering it to be the best college in private sector. The research work done was of special nature and carried out only by a few scientists in the world i.e. eliciting peristaltic reflex in-vitro and to understand its mechanism by applying different drugs. At Akhtar Saeed Medical & Dental College, he is heading a dynamic team of doctors which is imparting an international standard of medical education to the students with dedication.