

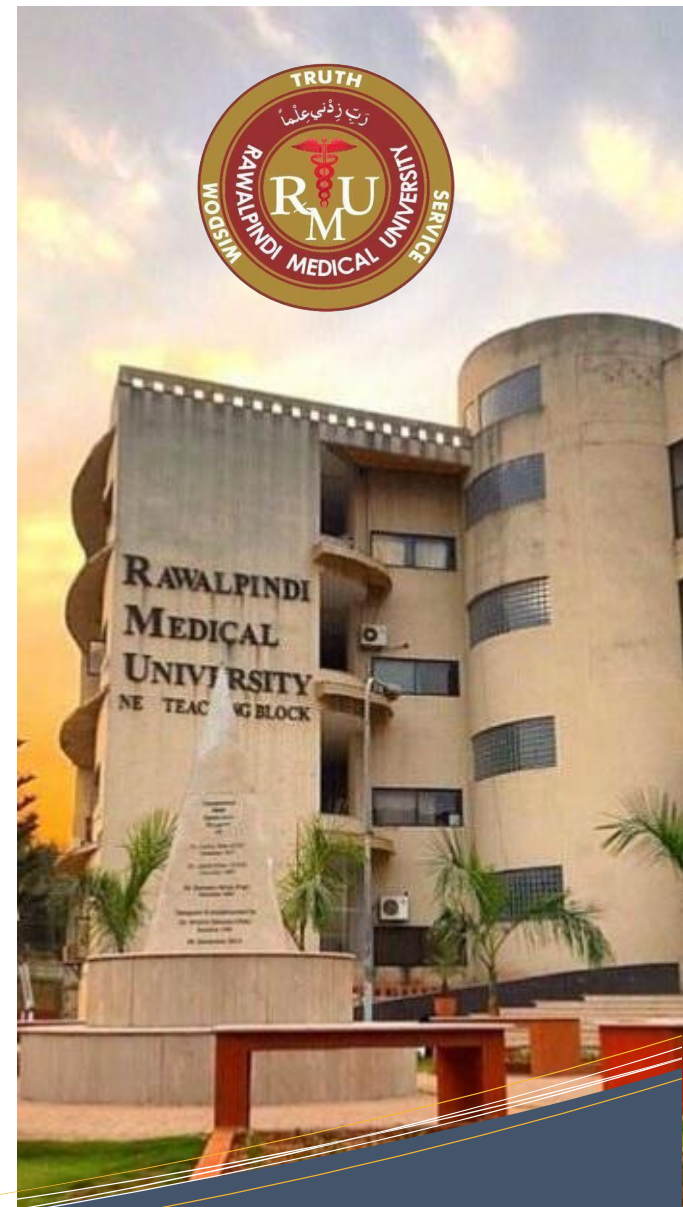


PhD

Pharmacology

Log Book

Year (2025-28)



Rawalpindi Medical University, Rawalpindi, Pakistan
New Teaching Block, Holy Family Hospital, Satellite Town, Rawalpindi
Website: <https://rmur.edu.pk/>



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Introduction to the University

Rawalpindi Medical College (RMC) was established in Faisalabad on 18th March 1974 and later shifted to Rawalpindi on 5th November 1974 in an incomplete building at Tipu Road (Science block of Gordon College Rawalpindi), that was later handed over to Rawalpindi Medical College.

The founder Principal of RMC, Prof. Abdul Latif, worked hard to establish the institution. First Rawalian Principal, Prof. Mohammad Umar after taking over the office in 2013, started working on multi-dimensional approach to further develop the institution. Since 1974 more than 7900 students have graduated and are serving nationally and internationally. RMC was privileged to claim top positions in university examination several times. Best of the best graduate in UHS is also a Rawalian.

Because of the untiring and dedicated efforts of Prof. Muhammad Umar Rawalpindi Medical College was upgraded to Rawalpindi Medical University (RMU) by Government of Punjab, Health Department on 6th May 2017. RMU has been granted NOC by Higher Education Commission, Islamabad during the same year.

The institution has strived to be upgraded to the level of an independent University after which the annual system of MBBS degree has been changed to the internationally preferred integrated modular system. Furthermore, university has also successfully launched MD/MS programs in various disciplines of clinical sciences. RMU has started focusing on launching M. Phil Pharmacology programs to carry out research of national interest which can be basis for evidence-based medicine.

University Mission Statement



University Vision Statement

- To impart evidence-based research oriented medical education
- To provide best possible patient care
- To inculcate the values of mutual respect and ethical practice of medicine
- Highly recognized and accredited center of excellence in Medical Education, using evidence-based training techniques for development of highly competent health professionals.

Introduction to Pharmacology Department

Pharmacology is the scientific study of drugs, including their origins, chemical properties, biological effects, and therapeutic applications. It is a foundational discipline within medical and health sciences, bridging the gap between basic biomedical science and clinical medicine. The study of pharmacology is essential for understanding how drugs interact with the human body to diagnose, treat, and prevent disease.

At Rawalpindi Medical University (RMU), the Department of Pharmacology is dedicated to educating the next generation of healthcare professionals and researchers, providing them with a comprehensive understanding of drug actions, safety, efficacy, and the principles of rational drug therapy. Pharmacology at RMU is taught through a combination of theoretical instruction and practical laboratory experience, preparing students to apply their knowledge in clinical settings and research environments.

The pharmacology program at RMU emphasizes the importance of evidence-based medicine, fostering critical thinking skills in drug selection, dosage adjustment, and monitoring therapeutic outcomes. The curriculum covers various key areas of pharmacology, including:

- **General Pharmacology:** Introduction to pharmacokinetics and pharmacodynamics, mechanisms of drug action, drug-receptor interactions, and dose-response relationships.
- **Systemic Pharmacology:** Study of drugs affecting different organ systems, such as the cardiovascular, respiratory, nervous, and endocrine systems.
- **Clinical Pharmacology:** Focus on the safe and effective use of drugs in humans, adverse drug reactions, drug interactions, and the principles of personalized medicine.
- **Pharmacotherapeutics:** The study of the therapeutic uses of drugs in treating disease, optimizing drug regimens, and minimizing side effects.

RMU's pharmacology program is supported by a faculty of experienced educators and researchers who are committed to advancing pharmacological knowledge through innovative research. The department also collaborates with clinical units and research institutes to expose students to real-world challenges and cutting-edge developments in drug discovery and therapeutic interventions.

Through a rigorous academic and practical framework, RMU aims to produce highly skilled pharmacologists who can contribute to improving healthcare systems by ensuring the safe, effective, and ethical use of medications. This commitment to excellence in education and research positions RMU's pharmacology program as a leader in shaping the future of medical science in Pakistan and beyond.

PhD. Scholar's Enrolment Details

Program of Admission: _____

Session: _____ Registration/Training Number: _____

Name of Candidate: _____

Father's/Husband's Name: _____

Dare of Birth: _____ CNIC No. _____

Present Address: _____

Permanent Address: _____

Cell Phone #: _____ E-mail Address: _____

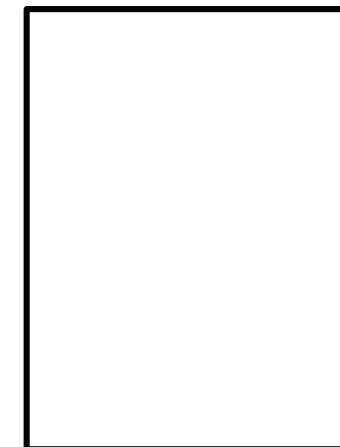
Date of Start of Training: _____ Date of completion of Training: _____

Name & Designation of Supervisor: _____

Name & Designation of Co-Supervisor: _____

Title of Department: _____

Name of Training Institute/Hospital: _____



Section-I: Lectures/Presentations

Sr. No.	Date/Time	Subject/Topic	Instructor	Credits	Grade/Assessment	Remarks
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Section-I: Lectures/Presentations

Sr. No.	Date/Time	Subject/Topic	Instructor	Credits	Grade/Assessment	Remarks
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02						
03						
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Section-I: Lectures/Presentations

Sr. No.	Date/Time	Subject/Topic	Instructor	Credits	Grade/Assessment	Remarks
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Section-I: Lectures/Presentations

Sr. No.	Date/Time	Subject/Topic	Instructor	Credits	Grade/Assessment	Remarks
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Section II: Practical Laboratory Work

Date	Experiment Title	Objectives	Techniques/Method Used	Results	Supervisor Remarks/Signature
1					
2					
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Section III: Clinicopathological Conference (CPC)

Date	Topic	Supervisor Remarks/Signature

Section IV: Journal Club Discussion

Date	Topic	Presented/Attended	Grade	Teacher Signature

Section V: Major Assignment

Date	Topic	Presented/Attended	Grade	Teacher Signature

Section VI: Seminars & Conferences Attended

Date	Event Title	Location	Key Learnings	Proof of Attendance

Section VIII: Self Directed Learning

Date /Time	Topic	Reflection	Grades	Remarks / Teacher Signature

Section IX- : Research Work Progress

Date	Discussion of Topic of Research with Supervisor	Structured Power Point Presentation of Suggested Research Project		Stage of Writing of Synopsis (Start/ In Progress/ Completed)	Approval of Synopsis by the Department	Submission of Synopsis (Yes / No)
		Presented / Not Presented	Approved / Not Approved			

Head/ Professor/Supervisor
Rawalpindi Medical University
Rawalpindi

Section X: Appearance in Examination

1 st Semester Theory + Viva	2 nd Semester Theory + Viva	3 rd Semester Theory + Viva	Defense of Thesis

Head/ Professor/Supervisor
 Rawalpindi Medical University
 Rawalpindi

Section XI: Publications

Date	Title	Journal / Conference	Impact Factor	Supervisor Remarks

Section XII: Cumulative Continuous Internal Assessment Marks

Semester	Attendance	Presentations	Mid Semester Examination	End Semester Examination	Duties Assigned by Department	Supervisor Remarks	Total Obtained Marks
1st							
2nd							
3rd							
4th							