

بسم الله الرحمن الرحيم

Ministry of Higher
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College of Pharmacy
Department of Pharmacology and
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وزارة التعليم العالي والبحث
العلمي
جامعة بغداد
عماده كلية الصيدلة
فرع الأدوية والسموم

السيد رئيس لجنة الرصانة المحترم

م/ محضر اجتماع اللجنة العلمية في فرع الأدوية والسموم

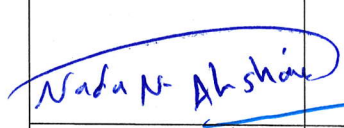
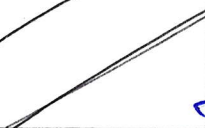
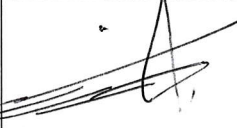
تحية طيبة.....

اجتمعت اللجنة العلمية لفرع الادوية والسموم في يوم الاحد الموافق ١٤-٩-٢٠٢٥ وناقشت المفردات المطلوبة لامتحان الرصانة العلمية للطلبة الحاصلين على شهادات عليا من جامعات غير مدرجة في الادلة المعتمدة من قبل وزارة التعليم العالي والبحث العلمي وقررت تحديد المواد التالية مع مصادر لها لحملة شهادة الماجستير والدكتوراه .

المرفقات

• جدول

اللجنة العلمية:

				
أ.د ندى ناجي الشاوي (رئيسا)	ا.د.مناف هاشم عبد الرزاق (عضوا)	ا.د.شهاب حطاب مطلبك (عضوا)	ا.م.د. علي فارس حسن (عضوا)	ا م د احمد حامد جويد (عضوا)

١. حملة شهادة الماجستير

	Subject Name	Chapters	References
١	Advance Physiology	• Muscle contraction • Adaptation • Renal system • Respiratory system • Cardiovascular system	Guyton and Hall. Textbook of .Medical Physiology Ganong's Review of Medical • Physiology, ٢٢rd Edition Vander's Human Physiology •
٢	Advance Systemic Toxicology ٢	• blood toxicity • Nephrotoxicity • CNS toxicity • Hepatotoxicity	Casarett & Doull's Toxicology: The Basic Science of Poisons, ٩th
٣	Advance Pharmacology ٢	• Molecular mechanisms in drug resistance. • Protein phosphatase as therapeutic targets for cancer and Alzheimer disease. • PPAR-γ pathway and development of new drugs • New approaches and strategies in pharmacotherapy. • Drug abuse and dependence	Goodman and Gilman's The Pharmacological Basis of Therapeutics, ١٤th Edition Rang & Dale's Pharmacology ١٠th Edition
٤	Mechanistic Toxicology ١	• apoptosis • Role of Ca in cell death • Role of transporter in cell death • Role of mitochondria in cell death	Casarett & Doull's Toxicology: the Basic Science of Poisons, ٩th

٥	Molecular pharmacology I	• Introduction to receptors • G-protein coupled receptors • Tyrosine kinase receptors • Nuclear receptors	Goodman and Gilman's The Pharmacological Basis of Therapeutics, ١٤th Edition Rang & Dale's Pharmacology ١٠th Edition
٦	Research Methodology in pharmacology I	• Types of scientific research • Plagiarism and paraphrase • Writing proposal • Introduction to applied biostatistics • Experimental pharmacology	• A Textbook of Research Methodology and Biostatistics for Pharmacy Students
٧	Selected Topics in pharmacology	• Gene therapy • Immune therapy • Anti-angiogenesis	Goodman and Gilman's The Pharmacological Basis of Therapeutics, ١٤th Edition Rang & Dale's Pharmacology ١٠th Edition
٨	Advanced Biopharmaceutics and Pharmacokinetics (مشارك مع الصيدلانيات)		
٩	Pathophysiology II (مشارك مع العلوم المختبرية)		
١٠	Biostatistics (مشارك مع العلوم المختبرية)		

	Subject Name	Chapters	References
١	Advance pharmacology ٣	• Cannabinoid receptors as therapeutic targets. • Anti-inflammatory and Immunosuppressant Drugs. • Renin-angiotensin system as target for drug treatment of different diseases. • New drugs for treatment of diabetes and metabolic syndrome. • Gene therapy, theories, animal experiments and clinical applications.	Goodman and Gilman's The Pharmacological Basis of Therapeutics, ١٤th Edition Rang & Dale's Pharmacology ١٠th Edition
٢	Advance pharmacology ٤	▪ Immunotherapy • Adoptive therapy • Fasting and cancer	Goodman and Gilman's The Pharmacological Basis of Therapeutics, ١٤th Edition Rang & Dale's Pharmacology ١٠th Edition
٣	Adv clinical toxicology ٢	• Nephrotoxicity • hepatotoxicity • myelotoxicity • CNS toxicity	Casarett & Doull's Toxicology: the Basic Science of Poisons, ٩th
٤	Environmental toxicology ٢	• Radiation safety, principles in living and work environment. • Metals of toxic and environmental significance. • Monitoring of outdoor air pollution • Halogenated hydrocarbons as environmental contaminants. • Pesticides as pollutants	Casarett & Doull's Toxicology: the Basic Science of Poisons, ٩th
٥	Mechanistic toxicology ٢	• Nuclear receptor-mediated toxicity.	Casarett & Doull's Toxicology: the

		• Interaction of xenobiotics with ion transporters. • Disruption of cellular energy production by xenobiotics. • Genetic toxicity, role of ROS in carcinogenesis. • Mitochondria role in toxicity	Basic Science of Poisons, 9th
v	Molecular pharmacology II	• General concept of receptors • G-protein coupled receptors • Tyrosine kinase receptors • Nuclear receptors • Ligand gated ion channel	Goodman and Gilman's The Pharmacological Basis of Therapeutics, 12th Edition Rang & Dale's Pharmacology 10th Edition
Λ	Selected topics in Biotechnology	• RNA base therapy • Gene therapy • Principle pf biotechnology • Application of biotechnology	Rang & Dale's Pharmacology 10th Edition Genentech: The Beginnings of Biotech. -Harper's Illustrated Biochemistry Thirty-First Edition 31st Edition -Goodman and Gilman's The Pharmacological Basis of Therapeutics, 12th Edition

٩	Research Methodology in Pharmacology II	• Types of scientific research • Plagiarism and paraphrase • Writing proposal • Introduction to applied biostatistics • Experimental pharmacology	A Textbook of Research Methodology and Biostatistics for Pharmacy Students
١٠	Advanced Therapeutics III (مشارك مع فرع الصيدلة السريية)		
١١	Pathophysiology III (مشارك مع العلوم المختبرية)		
١٢	Advanced Clinical Biochemistry III (مشارك مع العلوم المختبرية)		