




Ibn Sina University of Medical and Pharmaceutical Sciences  
College of Dentistry  
Curriculum Vitae



<b>Name: (Arabic)</b>	رجاء صيهود عباس	
<b>English</b>	Rajaa Saihood Abbas	

<b>Academic Degree</b>	Assistant Lecturer
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<b>Specialty (Department)</b>	Laser Science \Veterinary Medicine
<b>e-mail (Academic and Personal)</b>	<a href="mailto:rajaa.s.abbas@ibnsina.edu.iq">rajaa.s.abbas@ibnsina.edu.iq</a> <a href="mailto:dr-rajaaslh@gmail.com">dr-rajaaslh@gmail.com</a>

<b>Current Responsibilities</b>	Faculty member - Basic Science Department / College of Dentistry
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<b>Research Interest (titles)</b>	Medical Laser Applications
	Photodynamic Therapy
	Pathology
	Histology
	Gene therapy\Molecular Genetics
	Microbiology

<b>Teaching Interest</b>	Histology
	General pathology
	Histopathology
	Biology
	Anatomy
	Advanced laboratory techniques

<b>Education (Degree, College, University, Year)</b>	M.Sc. Laser /veterinary medicine, Institute of Laser for Postgraduate Studies, Baghdad University, 2012.
	B.SC. in veterinary medicine and surgery, Veterinary Medicine College Baghdad University, 1996.



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<b>Date of joining Ibn Sina University of Medical and Pharmaceutical Sciences</b>	17\4\2023
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<b>Publications</b>	1-Evaluation the effect of alcoholic extract of Ruta graveolens plant on International journal the histological structure of lungs in the rabbit. of Drug Delivery Technology. IJDDT, Volume 10 Issue 4 October 2020 – December 2020. (Scopus)
	2-Antioxidant Role Of Milk Thistle In Mice Infected With A Virulent Strain Of Corynebacterium Pseudotuberculosis. Systematic Reviews in Pharmacy ,Vol. 11, Issue 12, December 2020. (Scopus)
	3- Study the Effect of Ribavirin Drug on the histological structure of the testes in Albino mice (Mus musculus). Journal of Global Pharma Technology 2020. (Scopus)
	4- Removal of Tetracycline from Aqueous Solutions using Pomegranate Peels Residues Accessing to ZRL. Indian Journal of Forensic Medicine & Toxicology,2020.
	5-Designing Femoral Implant Using Stress Based Topology Optimization. Proceeding of the World Congress on Engineering 2018Vol 1, <a href="http://www.iaeng.org/publication/WCE2018/WCE2018_pp363-369.pdf">http://www.iaeng.org/publication/WCE2018/WCE2018_pp363-369.pdf</a> . (Scopus)
	6-Temporomandibular Joint Orthopedics Design Using Shape and Topology Optimization <a href="http://www.iaeng.org/publication/WCE2019/WCE2019_pp554-558.pdf">http://www.iaeng.org/publication/WCE2019/WCE2019_pp554-558.pdf</a> .
	7- Fatigue Life Extending For Temporomandibular Plate Using Non Parametric Cascade Optimization <a href="http://www.iaeng.org/publication/WCE2019/WCE2019_pp547-553.pdf">http://www.iaeng.org/publication/WCE2019/WCE2019_pp547-553.pdf</a> .
	8- Shape And Topology Optimization Design For Total Hip Joint Implant ,Proceedings of The World Congress on Engineering 2019, pp559-564 [Online Full Text] WCE 2019, July 3-5, 2019, London, U.K.
	9- Design micro-piezoelectric actuated gripper for medical applications. The Institute of Industrial Applications Engineers, Japan 2018 ©
	10-Photodynamic Therapy for Leiomyosarcoma (in vitro study).Institute of Laser for Postgraduate Studies -University of Baghdad,2012
	11-Hesperidin improves fertility in female mice infected by Brucella melitensis. Systematic Reviews in Pharmacy, Volume 11, Issue 11, Nov-Dec 2020. (Scopus)
	12- RICE HUSKS AS A BIOSORBENT AGENT FOR PB2+ IONS FROM CONTAMINATED AQUEOUS SOLUTIONS: A REVIEW. Biochemical and Cellular Archives , April , 2020.
	13-Staphylococcus aureus virulence genes and methicillin-resistant gene detection and antimicrobial resistance profiles isolated from different infection sites. Egyptian Pharmaceutical Journal, Vol. 22 No. 2, April-June 2023. (Scopus).



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<b>Biography (Ex: academic history, Awards)</b>	<b>Assistant Lecturer - Al-Ma'moon University College\Department of Medical Laboratory Techniques (2013-2023).</b>
	<b>Assistant Lecturer - Ibn Sina University of Medical and Pharmaceutical Sciences/College of Dentistry\Department of Basic Since (2023 – present).</b>

<b>Activities</b>	<b>Member of the Veterinarians Syndicate from 1997 to the present.</b>
	<b>Member of the Iraqi Academics Syndicate from 2017 to the present.</b>
	<b>Participate in publishing multiple research papers at international conferences (United Kingdom and Japan).</b>
	<b>Participating in attendance at many seminars, courses, workshops, and conferences in Iraq.</b>
	<b>Member of the examination committee for many years at Al-Mamoun University College, Department of Medical Laboratory Techniques.</b>

- 1- Google Scholar  
<https://scholar.google.com/citations?user=OgzYcd8AAAAJ&hl=en&oi=ao>
- 2- Researchgate  
[https://www.researchgate.net/profile/Rajaa\\_Abbas2](https://www.researchgate.net/profile/Rajaa_Abbas2)
- 3- ORCID LINK  
<https://orcid.org/my-orcid?orcid=0000-0002-4875-1060>
- 4- Scopus  
<https://www.scopus.com/authid/detail.uri?authorId=57219468153>