



Curriculum Vitae

Name: (Arabic)	الاستاذ الدكتور منال عزت عزيز البزاز
English	Prof. Dr. Manal Azat Aziz Al-Bazaz



Academic Degree	Professor
------------------------	------------------

Specialty (Department)	Biochemistry
e-mail (Academic and Personal)	manalaziz066@gmail.com manal.aziz@ibnsina.edu.iq manalbazaz@yahoo.com

Current Responsibilities	Chief of World Ranking Unit/Ibn Sina University of Medical and Pharmaceutical Sciences
	Chief of Documents and Certificates Unit/College of Dentistry
	Chief of Students Registration office / College of Dentistry
	Lecturers representative in University Council

Research Interest (titles)	
	Biochemistry
	Medicinal Chemistry
	Biomaterials Sciences
	Polymeric Biomaterials
	Biocompatible Materials
	Microbiology and Immunology

Teaching Interest	
	Biochemistry
	Medicinal Chemistry
	Pharmaceutical Chemistry
	Biosafety and Biosecurity



National and International Awards	Scholarship from the University of Otago - New Zealand to study for a PhD 2010-2013
	Microbiology and Immunology Department Award for Best Poster 2011 (Otago-New Zealand Association)
	Reward for the Chemistry Department (Otago University - New Zealand) 2011
	Shield to participate in the Karbala Invention Conference 2017
	Shield from the First Deputy of the Iraqi Council of Representatives of Iraqi government, for creativity and patent 2018
	A gold medal for the patent from the 2018 Najaf Invention Exhibition and Conference-Iraq
	Patent gold medal from an international exhibition and conference for invention and patents (2019) remote participation).
	Certificate of Excellence in Reviewing from Journal of Pharmaceutical Research International-2020
	Certificate of Excellence in Reviewing from Journal of Pharmaceutical Research International-2021
	A gold medal for the patent from the Ministry of Industry and Minerals 2021

Education (Degree, College, University, Year)	PhD, Chemistry Department, Otago University, New Zealand
	MSc, Chemistry Department, College of Science, Baghdad University
	BSc, Chemistry Department, College of Science, Baghdad University

Date of joining IbnSina University of Medical and Pharmaceutical Sciences	16/12/2019
--	-------------------



Publications	Manal Azat Aziz , Abeer Abdul Razak Mohammed and Abdulkareem Shehabdiab (2022), Biological and Chemical Characterization of Polyester in Medical Application. International Conference on Scientific Research & Innovation (ICSRI 2022), Cincinnati, OH, United States, 11th -12th April 2022
	Manal A. Aziz , Abdulkareem. S. Diab, and Wafaa. H. Al-Hussaini (2021). Hyperuricaemia and inflammatory markers in patients with chronic kidney disease. International Journal of Drug Delivery Technology. 2021;11(4):1282-1287.
	Abeer Abdul Razak Mohammed, Manal A. Aziz. (2020). <i>Preparation and characterization of some poly ester amide as drug polymers.</i> Medico-Legal Update.20 (2).
	Manal A. Aziz , Abdulkareem S. Diab and Abeer Abdul R. Mohammed. (2019). Antioxidant Categories and Mode of Action. Antioxidants Book. InTechOpen Publisher
	Maleeha Masuud, Manal Azat Aziz , Hadeel Munem Jassim.(2017). <i>Effects of Thyroid Dysfunction in Chronic Kidney Disease Patients.</i> Babylon Medical Journal, 14(4).663-669
	Manal A. Aziz , Abdulkareem S. Diab & Neama Y. Habil. (2017). <i>Determination of Immune Markers in Renal Disorders Throughout Biological Therapy of Rheumatoid Arthritis.</i> Babylon Medical Journal, 14(2).280-289
	Manal A. Aziz , Neama Y. Habil & Abdulkareem S. Diab. (2016). <i>Effectiveness of Zinc Supplementation in Regulating Serum Hormonal and Inflammatory Status in Hypothyroidism Patients.</i> Babylon Medical Journal, 13(2).
	Manal A. Aziz , Ghanim H. Majeed, Kareem S. Diab & Raid J. Al-Tamimi. (2016). <i>The association of oxidant–antioxidant status in patients with chronic renal failure.</i> Journal of Renal Failure. 38(1): 20-26.
	Aziz MA , Cabral JD, Brooks HJL, McConnell MA, Fitzpatrick C, Hanton LR, Moratti SC. (2015). <i>In vitro biocompatibility and cellular interactions of a chitosan/dextran-based hydrogel used for postsurgical adhesion prevention.</i> Journal of Biomedical Materials Research: Part B – Applied Biomaterials, 103 (2): 332–341.
	Aziz M.A. , Cabral J.D., Brooks H.J., Moratti S.C., Hanton L.R. (2012). <i>Antimicrobial Properties of a Chitosan/Dextran-Based Hydrogel for Surgical Use.</i> Antimicrobial Agents and Chemotherapy 56(1): 280-287.
Hasan HR· Mathkor TH and Aziz M.A. (2013). <i>Evaluation of tissue 5´-Nucleotidase as tumor marker in breast and brain tumors using receiver operating characteristic curve.</i> Journal of Cancer Research and Therapy, 1: 221–225	



	<p>Aziz M.A., Diab K.S, Farhan A.R. (2008). <i>Biochemical parameters in Osteoporotic Patients</i>. Iraq Academic Scientific Journal, 21(3): 79-86.</p> <p>Aziz M.A. (2008). <i>The relationship between trace elements values in-patients with different types of brain tumours</i>. Iraq Academic Scientific Journal, 21(3): 184-193.</p>
--	---

<p>Biography (Ex: academic history, Awards)</p>	<p>2019- Present: Associate Prof., College of Dentistry, Ibn Sina University of Medical and Pharmaceutical Sciences</p>
	<p>Associ. Prof/ Middle Technical University/ Department of Medical Laboratory, teaching chemistry 2017- 2019</p>
	<p>Associ. Prof/ Middle Technical University/ Head of Medical Laboratory Department 2016- 2018</p>
	<p>Associ. Prof, external lecturer teaching Biochemistry/Ibn Sina University of Medical and Pharmaceutical chemistry in Pharmaceutical Sciences/College of Dentistry.2017-2019</p>
	<p>Senior lecturer/ Middle Technical University/ Department of Pharmacology, 2015- 2017</p>
	<p>Lab demonstrator in PHCY231, MICN301 and BIOC192/Otago University- New Zealand, 2014-2015</p>
	<p>Lab demonstrator in CHEM191, HUBS191, MICN201, MICN301, Health Microbiology MICR332 and Infection and Immunology MICR223 / Otago University- New Zealand, 2011-2013</p>
	<p>PhD candidate- Chemistry Department + Microbiology and Immunology Department/ Otago University- New Zealand, 2010-2013</p>
	<p>Lecturer in Biochemistry/ Foundation of Technical Institute/ Department of Pharmacology, 2003-2009</p>
	<p>Biochemist (Lab. senior demonstrator)/ Foundation of Technical Institute/Department of Pharmacology, 1991-2003</p>
<p>Biochemist (Lab. demonstrator)/ College of Science/University of Baghdad, 1986-1990</p>	



Activities	
Patent and there issuers	1-Preparation of a biological gel to prevent surgical adhesions No. 4812 in 12/1/2017 2-Polyester as wound dressing No. 6710 in 12/7/2021
International conferences(title of the conference, organizer and research titles)	Antimicrobial Properties of a Chitosan/Dextran-Based Hydrogel for Surgical Use. 3 rd International Congress on Biohydrogels, Florence, Italy. (2011).
	Biocompatibility of antimicrobial Chitosan/Dextran-Based Surgical Hydrogel. Department of Microbiology and Immunology Research Retreat. Dunedin, New Zealand. (2012).
	Drug release studies and biological properties of chitosan/dextran-based hydrogels for surgical use. Pacificchem, Hawii.(2010).
	Antimicrobial Properties of a Chitosan/Dextran-Based Hydrogel for Surgical Use. Department of Microbiology and Immunology Research Retreat. Dunedin, New Zealand. (2011).
	Biocompatibility of antimicrobial Chitosan/Dextran-Based Surgical Hydrogel. XXII nd International Symposium on Medicinal Chemistry, Berlin, Germany. (2012).
	Biocompatibility of antimicrobial Chitosan/Dextran-Based Surgical Hydrogel. The New Zealand Microbiological Society Conference, Dunedin, New Zealand. (2012).
	Biocompatibility of antimicrobial Chitosan/Dextran-Based Surgical Hydrogel. The Otago School of Medical Sciences, Poster Evening and Postgraduate Symposium. Dunedin, New Zealand. (2013).
Editorial Boards	1-Member in Editorial Board at International Journal of Clinical Urology 2- Member in Editorial Board at BMC supplement, Nature
Books	Participate in writing a chapter titled(Antioxidant Categories and Mode of Action)/ in Antioxidants book/ IntechOpen -UK
Projects supervised for postgraduate studies(name of project, name of student, year, name of program)	Antioxidants and inflammatory biomarkers in Rheumatoid Arthritis (Ahmed Fadhil Yasir AlZaidi, PhD candidate, Cankiri Karatekin University's Grauate Education Regulation, Turkey) 2020
	Predictive biomarkers for gouty nephropathy and arthropathy (Kareema Alawi Dakhel Abdulhasan, PhD candidate, Thi Qar University, College of Science, 2021
	Correlation of oxidative stress and serum inflammatory status in Diabetic nephropathy (Ahmed Sapoori Sachit,



	MSc candidate, Cankiri Karatekin University's Graduate Education Regulation, Turkey) 2020
	Thyroid dysfunction in chronic renal failure patients (Hadeel Maneam Jasim, MSc, 2016)
Titles and discussions of postgraduate studies (name of student, name of program, place, year)	Study of ceruloplasmin and zinc copper ratio in prediabetic and diabetic type 2 patients (Ali Abdullah Qasim, MSc, 2023) College of Medicine, University of Al-Nahrain
	Study of Xanthine oxidoreductase activity and some biochemical parameters related to oxidative stress in renal failure patients (Zenab Abdul Razak Mohammed, MSc, 2021) College of Science, University of Baghdad.
	Correlation of Lactate Dehydrogenase (LDH) activity, D-dimer and Severity in a sample of COVID-19 patients in Iraq (Ali Yahia Salem, MSc.2021) College of Medicine, University of Al-Nahrain
	Evaluation of Urinary Oxidative stress Markers and presence of microalbuminuria in patients with COVID-19 disease as a measure of kidney involvement. (Sadiq Azzaz Fraih, MSc.2021) College of Medicine, University of Al-Nahrain
	Association of Iron status with pregnancy outcomes in Infertile Women undergoing IVF/ICSI (Banan Salam Khadim, MSc. 2020) College of Science, University of Baghdad.
	Study the possibility of using Irisin and Omentin-1 as predictive biomarkers for early detection of acute myocardial infarction patients (Mohammed Ahmed Khalifa, MSc, 2020) College of Medicine, Al-Nahrain University.
	Genetic polymorphism of anti-mullerian hormone type II receptor (amhrii) in a sample of polycystic ovary syndrome patients (Roaa Mohammed Jabar, PhD. 2019) College of Health and Medical Technology.
	Evaluation of some inorganic elements in diabetic II patients and its relation to hormones (Surah Ahmed Nahjim, MSc. 2016) College of Health and Medical Technology.
Membership	Membership of New Zealand Federation of Graduate Women.
	Membership of New Zealand Microbiological Society
	Membership of Iraqi Forum of Inventors



Ibn Sina University of Medical and Pharmaceutical Sciences
College of Dentistry

