

Curriculum Vitae



Name: Dr. Bushra Jasim Mohammed

Address: Baghdad-Iraq

Work Address: Institute of Genetic engineering/University of Baghdad

Scientific Degree: Assistant professor

Specialization: Genetic engineering – Molecular genetic Immunology

Mobile: 07901774601

Email: dr.bushrajassim@ige.uobaghdad.edu.iq

First: Qualifications .

Degree	The University	The college
B.Sc. degree in the field of veterinary medicine	University of Baghdad	veterinary medicine
Higher diploma in the field of Genetic engineering and Biotechnology	University of Baghdad	Institute of Genetic engineering and Biotechnology
Master degree in the field of ' Genetic engineering and Biotechnology	University of Baghdad	Institute of Genetic engineering and Biotechnology
PhD degree in the field of ' Genetic engineering and Biotechnology	University of Baghdad	Institute of Genetic engineering and Biotechnology

Second: Designation:

No.	Occupation	Organization	Period from - to
1	veterinary doctor	Institute of Genetic engineering and Biotechnology	2001-2005
2	Specialty veterinarian	Institute of Genetic engineering and Biotechnology	2005-2008

3	Assistant Lecturer	Institute of Genetic engineering and Biotechnology	2008-2012
4	Lecturer	Institute of Genetic engineering and Biotechnology	2012-2017
	Assistant professor	Institute of Genetic engineering and Biotechnology	2017 and so far

Third: University teaching.

No.	Entity (Institute / College)	University	Period from - to
1	Institute of Genetic engineering and Biotechnology	University of Baghdad	2001 and so far
2			

Fourth: Positions held in higher education.

No.	Occupation	Period from - to
1	Planning and Follow-up department officer	2016-2017
2	Director of Media and Website Unit	2017 and so far

Fifth: Teaching courses.

No.	Section	Subject	year
1	Genetic Engineering	Biotechnology	2001-2005
2	Genetic Engineering	Bacterial virulence	2008 and so far
3	Genetic Engineering	Genetic microbiology	2008-2016
	Genetic Engineering	Immunogenetic	2012 and so far
	Genetic Engineering	Cytogenetics	2010-2011
	Genetic Engineering	Molecular biology	2018 and so far

Sixth: Theses which supervised

No.	Higher diploma, Master and PhD	Title	year
3	Higher diploma	Immuno-Genetic Etiology of Multiple Sclerosis Disease	2019
1	Higher diploma	CRISPR as therapeutic tool for	2019

		complex genetic disorders and cancer	
2	Master	Association of Typhoid Fever with Polymorphisms at nucleotide oligomerization binding domain 2 (NOD2) and Natural resistance associated macrophage protein 1 (NRAMP1) genes in sample of Iraqi patients	2019
	Master	Association of <i>TNFA</i> and <i>IL1B</i> genotypes with increased the risk of <i>Staphylococcus aureus</i> causing tonsillitis in a sample of Iraqi patients	2019

Seventh: Scientific Conferences and Seminars

No.	Title	Inside Iraq	Outside of Iraq	Place	Year
1	6 th international Conference on basic and applied sciences	Inside		Erbil	2017
2	Ibn Alhatham 1 st international scientific			Baghdad	2017

	Conference				
3	institute of genetic engineering 3ed international Conference	Inside		Baghdad	2017
4	Seminar on Biological cloning	Inside		Baghdad	2017
	Seminar on the phenomenon of animal husbandry and slaughter in the streets of Baghdad and the dangerous diseases caused by it			Baghdad	2017
	Seminar on Writing and publishing research in international journals with impact factors from Thomson Reuters			Baghdad	2017
	Seminar on genetic improvement of plants using plant tissue culture technology			Baghdad	2011
	The second scientific conference for pure sciences - Anbar University	Inside		Anbar	2012

	The Fourth Scientific Conference – Al-Kindy College of Medicine			Baghdad	2017
	Seminar on the latest diagnostic and therapeutic developments for osteoporosis and joint pain and ways to prevent them			Baghdad / Al-Nahrain University	2017
	The first scientific conference for the Biotechnology Research Center - Al-Nahrain University			Baghdad / Al-Nahrain University	2008
	The first scientific conference for medical diagnostic tools			Ministry of Industry and Minerals / General Company for the manufacture of medicines and medical supplies / Samarra	2009
	The second scientific conference for forensic science and forensic medicine			Baghdad / Al-Nahrain University	2017
	The first scientific conference for genetic engineering, biotechnology			Institute of Genetic engineering/University of Baghdad	2008

	The Third International Conference of the College of Science - University of Baghdad			Baghdad / College of Science - University of Baghdad	2009
	The first international conference on genetic engineering			Institute of Genetic engineering/University of Baghdad	2011
	The second scientific conference of the Institute of Genetic Engineering and Biotechnology			Institute of Genetic engineering/University of Baghdad	2009
	Seminar of the National Strategy for Breast Cancer Control			Continuing Education Unit / College of Science / University of Baghdad	2017
	The Fourth International Scientific Conference on Genetic Engineering			DNA Center for Research and Training / University of Al-Nahrain	2018
	The Fourth International Scientific Conference on Genetic Engineering			Institute of Genetic engineering/University of Baghdad	2019

Eighth: Training course

No.	Title	Inside	Outsid	Place	Year
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		Iraq	e of Iraq		
1	Scholarship at University of Missouri		Outside of Iraq	Columbia, Missouri, U.S.A	2015-2016
2	Elisa Technology	Inside		college of Science /University of Baghdad	17-18/10/2017
3	Immunohistochemistry	Inside		College of Science /University of Baghdad	2-3/10/2017
4	Educational qualifying	Inside		Center of development and continuous education /University of Baghdad	2009
5	Advanced English language course - first stage	Inside		United Nations Organization	10/1-10/4/2002
6	Advanced English language course - second stage	Inside		United Nations Organization	11/4-30/6/2002
7	Elisa technology	Inside		College of Science / University of Baghdad	17-18/10/2017
8	Elisa technology	Inside		College of Science / University of Baghdad / Biological Research Unit for hot areas	24-26/1/2017
9	Immunohistochemistry			College of Science /University of Baghdad	2-3/10/2017
10	Preparation of antigen			Institute of Genetic engineering/University of Baghdad	25-27/3/2018
11	In situ hybridization			College of Science /University of Baghdad	16-17/1/2018
12	Immunohistochemistry			Institute of Genetic engineering/University of Baghdad	22-23/4/2019

13	Scientific promotions			Electronic Calculator Center	8-12/4/2012
14	using the computer			Electronic Calculator Center	13-24/4/2005
15	blood withdrawal			Institute of Genetic engineering/University of Baghdad	5-4/4/2018
16	using of Comet assay in estimation of DNA damage in peripheral blood lymphocyte			Institute of Genetic engineering/University of Baghdad	13-14/6/2017
17	Safety of the Arabic language			Center for Continuing Education / University of Baghdad	11-15/11/2018
18	Basics of statistical analysis using the statistical program Spss			College of Science / University of Baghdad / Biological Research Unit for hot areas	12-13/9/2018
19	Google classroom			Ibn Sina E-Learning Unit	18-19/2/2019
20	How to design and publish scientific research			Center for Continuing Education / University of Baghdad	30/1/2019

Ninth: Other scientific activities

No.	Inside	Outside	Place
1	Workshop / Educational Laboratory Quality Classification		Quality Assurance Department / University of Baghdad
2	Lecture of white blood cell antigens		College of Science / University of Baghdad
3	Lecture / CAR gene for cancer		College of Science / Baghdad University

4	lecture /opposed to medication with herbs		Center for Continuing Education / University of Baghdad
5	lecture on strategic planning for the university professor		Center for Continuing Education / University of Baghdad
6	Workshop / update the organizational structure / human resources plan		Center for Continuing Education / University of Baghdad
7		workshop /Samples collection	Institute of Genetic engineering/University of Baghdad
8	Workshop of periodic tests for drinking water		College of Science / University of Baghdad
9		Workshop / the role of biotechnology in treating environmental pollutants	Institute of Genetic engineering/University of Baghdad
10	Workshop/ Bioinformatics		forensic Center for Research and Training - Al-Nahrain University
11		Workshop / individual safety and collective protection	Institute of Genetic engineering/University of Baghdad
12		Workshop/ Elisa	Institute of Genetic engineering/University of Baghdad
13		workshop / DNA extraction From the seminal fluid	Institute of Genetic engineering/University of Baghdad

14	workshop / Scientific journals management system		Baghdad University / Computer Center
15	Workshop /how to prepare a self- evaluation report for laboratories		Quality Assurance and University Performance Department

Tenth : Research projects in the field of specialization to serve the environment or the development of education.

No.	Title	Place of publication	year
1	Demographic and genetic study for a sample of Iraqi smokers	USA	2016
2	Investigate the joint effect of tobacco exposure and alteration of TNF- α CD8,MDA and GSH levels in blood of Iraqi smokers	USA	2016
3	Effect of gasoline inhalation on tumor necrosis factor-alpha (TNF- α) expression in liver of rats	Pakistan	2017
4	Recognition of urinary tract infection pathogens and their association with the age of the infected Iraqi women.	Iraq	2009
5	Evaluation the effect of different factors on urogenital infection and the associations between urinary tract infection and vaginitis .	Iraq	2009
6	Inhibitory effect of Cinnamon cassia against Candida albicans growth in vitro and in vivo	Iraq	2013
7	Determining the effect of various physicochemical factors on inhibition	Iraq	2013

	activity of <i>Lactobacillus acidophilus</i> against <i>Klebsiella pneumonia</i> isolated from hospital-acquired hospital-acquired infections by using optical density assay		
8	detection of pathogenic bacteria and mixed infections with yeasts which cause vaginitis and it's relationship with the age in iraqi women	Iraq	2009
9	Evaluation the Effect of Nicotine Injection on the Lungs of Mice	Iran	2019
10	Association between TNF- α level and TNF- α gene polymorphisms in liver cirrhosis of Iraqi patients	Pakistan	2018
11	Investigation the effect of different concentrations of chlorine drinking water on mice livers	India	2018
12	Investigate The Different Effect Of Nicotine On H460 And H441 Lung Cells Viability	Iraq	2017
13	A Search for the Effect of Gasoline Exposure and Viability, Apoptosis, Necrosis of Peripheral Blood Mononuclear Cells and Polymorphisms in Fas -FasL Genes in Blood of Gasoline Stations Iraqi Workers	Pakistan	2017
14	study the inhibitory effect of <i>thuja occidentalis</i> aganist <i>pseudomonas aeruginosa</i> isolated from surgical wounds in vitro and in vivo	India	2017
15	Inhibitory effect of Cinnamon cassia against <i>Candida albicans</i> growth in vitro	Iraq	2013

	and in vivo		
16	The susceptibility test of vaginal yeasts and their relationship with the age in Iraqi women	Iraq	2009
17	study the inhibitory effect of lactobacillus acidophilus isolated from yoghurt as probiotics on candida albicans growth in vitro and in vivo	Iraq	2013
18	evaluation the sensitivity of vaginal lactobacilli to some physical conditions and chemical substances	Iraq	2008
19	Estimating the inhibitory effect of Lactobacillus isolated from different sources on some pathogens of urogenital infections in women group	Iraq	2009
20	Evaluation the effect of different factors on urogenital infection and the associations between urinary tract infection and vaginitis.	Iraq	2009
21	Evaluating the inhibitory effect of Vaginal Lactobacillus to some pathogenic microorganisms of urogenital infections in women	Iraq	2009
22	Evaluation of Inhibitory effects of lactobacillus as a probiotic against some pathological agents against genitourinary tract infection in some women in Baghdad	Iraq	2009
23	Determining the minimum inhibitory concentration (MIC), minimum bacteriocidal concentration (MBC) and minimum fungicidal concentration (MFC) of vaginal lactobacillus for some pathogenic microorganisms of urogenital infections in women	Iraq	2009

24	Estimating the inhibitory effect of Lactobacillus isolated from different sources on some pathogens of urogenital infections in women group	Iraq	2009
25	Detection of Pseudomonas aeruginosa in Hospital Contamination	Iraq	2005
26	The Relationship between Cigarette Smoking, Genetic and Immune Aspects	Germany	2017

Eleventh : Awards, Thanks and certificates of appreciation.

No.	Awards	Thanks	certificates of appreciation	Donor	Year
1		A letter of thanks and appreciation		President of the University of Baghdad	2018
2		A letter of thanks and appreciation		President of the University of Baghdad	2017
3		A letter of thanks and appreciation		President of the University of Baghdad	2017
4		A letter of thanks and appreciation		President of the University of Baghdad	2009
5		A letter of thanks and appreciation		Assistant to the President of Baghdad University	2019

Twelfth: Membership of local and international scientific bodies

No.	Title	Inside Iraq	Outside of Iraq	Place	Year
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Thirteenth : Authored and translated books

No.	Title	Place of publication	year
3	The relationship between cigarette smoking and immune and genetic aspects	Lambert Academic Publishing- Germany	2017
1			
2			

Fourteenth : Languages

No.	Language
1	Arabic
2	English