

C.V.



Full name and surname: Mohanad Jawad Kadhim Al-Dawah

Birth date: 8/4/1978

Place of birth: Iraq/ Babel

Place of work: Al-Qasim Green University/ College of Biotechnology

Scientific surname: Assistant professor

Specialization: Microbiology/ Bacterial Genetics and Pathogenicity

Scopus h-index: 9

Research-gate: score (13.24), h-index: 13

Google scholar: h-index: (15), i10-index (17)

Researcher ID: D-1219-2019

Scopus Author ID: 57189575481

ORCID ID: 0000-0003-1411-9777

Material status: Married

No. of children: four

Nationality: Iraqi

Passport No.: A3736938

Mobile No.: 009647801188364; 07713533467

Email: dr.mohanad@biotech.uoqasim.edu.iq

Educational Qualifications

Certificate	General field	Specific filed	Year
B. Sc	Biology	Biology	2000-2001
M. Sc	Biology	Microbiology	2006-2007
PhD of Science	Biology	Bacterial Genetics and Pathogenicity	2014-2015

Courses and Seminars

Year	Period	Place	Name of course or Seminar
2009	Two days	College of Veterinary Medicine/ Babylon University	Zoonotic disease between human and animals
2010	Two days	College of Veterinary Medicine/ Babylon University	Swine influenza
2014	11 days	College of Biotechnology/ Al-Qasim Green University	Chemical safety and security
2014	Six months	Shahid Beheshti University of Medical Science/ Iran	Training in PCR and DNA sequencing
2015	Two days	College of Veterinary Medicine/ Babylon University	Principle and application of Vitek 2 system
2015	One day	Al-Qasim Green University	Cincinnati University workshop (Public Speaking and Civic Engagement)
2015	One day	Al-Qasim Green University	Cincinnati University workshop (interviewing)

Other certificates

Certificate	Place	Year
Test in English language	University of Baghdad/ Iraq	2005
Computer programs (windows, word, excel and power point)	Babylon University/ Iraq	2005
ISO investigator	Babylon University/ Iraq	2009
IC3 in computer programs	Babylon University/ Iraq	2011
TOFEL ITP	University of Karbala/ Iraq	2011

Conferences

Name of conference	Place	Year
Sustainable agricultural development	Al-Fayoum University/ Egypt	2019
National Conference of Nanoscience and Nanotechnology	University of borujerd/ Iran	2018
Biological and medical techniques	Middle Euphrates Technical University / Iraq	2017
The technical researches are the gate for best future	Middle Euphrates Technical University / Iraq	2018
Toward investigation in scientific researches for social betterment	University of Al-Qadisiyah / Iraq	2019

Scientific and practical experiences

- 1) Lecturer in Microbiology Dep. / College of Veterinary Medicine/
Babylon University (2008-2010).
- 2) Lecturer in Genetic Engineering Dep. / College of Biotechnology/
Al-Qasim Green University (2010-2018).

Threads studied

- 1) Practical Histology/ second stage/ College of Veterinary Medicine/ Babylon University.
- 2) Microbiology/ third stage/ College of Veterinary Medicine/ Babylon University.
- 3) Immunology/ third stage/ College of Veterinary Medicine/ Babylon University.
- 4) Basic and applied Molecular techniques/ third stage/ College of Biotechnology/ Al-Qasim Green University.
- 5) Antibiotics/ third stage/ College of Biotechnology/ Al-Qasim Green University.
- 6) Genetic engineering/ third stage/ College of Biotechnology/ Al-Qasim Green University.
- 7) Cell biology/ second stage/ College of Biotechnology/ Al-Qasim Green University.
- 8) Molecular biology/ second stage/ College of Biotechnology/ Al-Qasim Green University.
- 9) Microbiology/ second stage/ College of Biotechnology/ Al-Qasim Green University.
- 10) Bioinformatics/ fourth stage/ College of Biotechnology/ Al-Qasim Green University

Skills

- 1) The working on thermos-cycler apparatus via using polymerase chain reaction with two types (conventional PCR and Real time PCR).
- 2) The working on electrophoresis apparatus with two types (Gel electrophoresis and SDS-PAGE).
- 3) The working on Vitek 2 system apparatus for identification of bacterial isolates and bacterial susceptibility test.

Languages

- 1) Native language: Arabic language
- 2) Foreign language: English language

Published researches

N	Research name	Place of publishing	Date
1	Evaluation of some antifungals in the biology of <i>Trichophyton</i> spp. in vitro	Journal of Babylon. Iraq	2007
2	Effect of some environmental conditions in growth and germination of <i>Trichophyton</i> spp. in vitro.	Journal of Babylon. Iraq	2007
3	Study of Some Virulence Factors of <i>Proteus mirabilis</i> Isolated from Urinary Stones Patients	Journal of Biology, Agriculture and Healthcare	2015
4	The Role of Lipopolysaccharide and O-Antigen of <i>Proteus mirabilis</i> in Urinary Stones Formation, In-Vitro Study	Journal of Natural Sciences Research	2015
5	Analysis of Bioactive Metabolites from <i>Candida albicans</i> Using (GCMS) and Evaluation of Antibacterial Activity	International Journal of Pharmaceutical and Clinical Research	15 July, 2016
6	In vitro Antibacterial, Antifungal and Phytochemical Analysis of Methanolic Extract of Fruit <i>Cassia fistula</i>	ORIENTAL JOURNAL OF CHEMISTRY	May 05, 2016
7	Characterization of Bioactive Chemical Compounds from <i>Aspergillus terreus</i> and Evaluation of Antibacterial and Antifungal Activity	International Journal of Pharmacognosy and Phytochemical Research	9, September, 2016
8	Evaluation of anti-bacterial activity and bioactive chemical analysis of <i>Ocimum basilicum</i> using Fourier transform infrared (FT-IR) and gas chromatography mass spectrometry (GC-MS) techniques	Journal of Pharmacognosy and Phytotherapy	20 April, 2016
9	<i>Proteus</i> species: Characterization and Herbal Antibacterial: A Review	International Journal of Pharmacognosy and Phytochemical Research	15 November, 2016
10	In Vitro antifungal potential of <i>Acinetobacter baumannii</i> and determination of its chemical composition by gas chromatography-mass spectrometry	Journal of Der Pharma Chemica	October, 2016
11	Characterization of Metabolites Produced by <i>E. Coli</i> and Analysis of Its Chemical Compounds Using GC-MS	International Journal of Current Pharmaceutical Review and Research	25 th December, 2016
12	Antibacterial Activity of Several Plant Extracts Against <i>Proteus species</i>	International Journal of Pharmaceutical and Clinical Research	25 th December, 2016
13	Medicinal Plants Used for Treatment of Rheumatoid Arthritis: A Review	International Journal of Pharmaceutical and Clinical Research	25 th December, 2016
14	Study of Bioactive Methanolic Extract of <i>Camponotus fellah</i> Using Gas Chromatography – Mass Spectrum	International Journal of Toxicological and Pharmacological Research	25 th December, 2016
15	Detection of Volatile Compounds Produced by <i>Pseudomonas aeruginosa</i> Isolated from UTI Patients by Gas Chromatography-Mass Spectrometry	International Journal of Toxicological and Pharmacological Research	25 th December, 2016

16	Uses of Nuclear Magnetic Resonance Spectroscopy Technique in Pharmaceutical Analysis: A Review	International journal of current pharmaceutical review and research	25 th April, 2017
17	Phytochemical Profiles of Methanolic Seeds Extarct of <i>Cuminum cyminum</i> using GC-MS Technique	International journal of current pharmaceutical review and research	25 th April, 2017
18	Characterization of Antifungal Secondary Metabolites Produced by <i>Klebsiella pneumoniae</i> of its Chemical Compounds Using GC-MS	International journal of current pharmaceutical review and research	25 th April, 2017
19	Antimicrobial Activity of Medicinal Plants and Urinary Tract Infections	International journal of current pharmaceutical and Clinical Research	25 th January, 2017
20	Rheumatoid Arthritis: History, Stages, Epidemiology, Pathogenesis, Diagnosis and Treatment	International journal of toxicological and pharmacological research	1 st May, 2017
21	Urinary Tract Infections: Characterization and Herbal Antimicrobial Activity: A review	International journal of current pharmaceutical review and research	25 th April, 2017
22	A Review: Uses of Gas Chromatography-Mass Spectrometry (GC-MS) Technique for Analysis of Bioactive Natural Compounds of Some Plants	International journal of toxicological and pharmacological research	1 st March, 2017
23	Folated-nanocarrier for paclitaxel drug delivery in leukemia cancer therapy	Journal of Pharmaceutical Sciences and Research	2018
24	Detection of Serum Resistance Genes (lppA and omK36) in Enterobacteriaceae Species Isolated from Extraintestinal Infections	Indian Journal of Public Health Research and Development	2018
25	Comparative evaluation study of ELISA system and MINI-VIDAS system for detection of Cytomegalovirus IgM antibodies	Journal of Pharmaceutical Sciences and Research	2018
26	Molecular Detection of Complement Resistance Genes (traT and iss) in some Enterobacteriaceae Isolates	Journal of Pure and Applied Microbiology	2018
27	Exploring of Insertion/deletion Polymorphism in the Vascular Endothelial Growth Factor Gene Associated with Type 2 Diabetic Patients in Al-Diwaniyah City	Journal of Global Pharma Technology	2019
28	Extraction Flavonoid Compound from <i>Foeniculum Vulgare</i> and Study its Anti-Bacterial Activity	Journal of Global Pharma Technology	2018
29	Silver Nanoparticles and its effect on The Brain and liver of Albino Rats	National Conference of Nanoscience and Nanotechnology/ Iran	2018
30	In vitro study of Honey-Chitosan Nanofiber Wound Dressing Enriched with Capsaicin and Silver Nanoparticle Enhanced Antimicrobial and Wound Healing Activity	International Conference Of Nanotechnology (Iraq 2015) At: University of Technology-Baghdad-Iraq	2018

السيرة الذاتية

الاسم الثلاثي واللقب: محمد جواد كاظم

تاريخ الولادة: 1978/4/8

مكان الولادة: العراق / بابل

مكان العمل: جامعة القاسم الخضراء / كلية التقانات الاحيائية

اللقب العلمي: أستاذ مساعد

معامل هرتش (سكوبس): 9

درجة ومعامل هرتش لبوابة الباحث: 13، 13.24

معامل هرتش في كوكل سكولر: 15

معرف الباحث (Researcher ID): D-1219-2019

معرف الباحث في سكوبس (Scopus Author ID): 57189575481

معرف الاورسيد (ORCID ID): 0000-0003-1411-9777

الحالة الاجتماعية: متزوج

عدد الأطفال: 4

الجنسية: عراقية

رقم جواز السفر: A3736938

رقم الموبايل: 009647801188364; 07713533467

البريد الالكتروني: mohanadbio13@yahoo.com ، dr.mohanad@biotech.uoqasim.edu.iq

المؤهلات الدراسية

الشهادة	التخصص العام	التخصص الدقيق	السنة
بكالوريوس	علوم حياة	علوم حياة	2001-2000
ماجستير	علوم حياة	احياء مجهرية	2007-2006
دكتوراة	علوم حياة	امراضية و وراثه احياء مجهرية	2015-2014

الكورسات والسفارات

اسم الكورس او السفار	المكان	الفترة	السنة
الامراض المشتركة بين الانسان والحيوان	كلية الطب البيطري / جامعة بابل	يومان	2009
أففلونزا الخنازير	كلية الطب البيطري / جامعة بابل	يومان	2010
السلامة والامن الكيميائي	كلية التقانات الاحيائية / جامعة القاسم الخضراء	11 يوما	2014
تدريب على تقنية PCR وتسلسل الحامض النووي DNA	جامعة شهيد بهشتي للعلوم الطبية / ايران	ستة أشهر	2014
مبادئ وتطبيقات نظام Vitek2 system	كلية الطب البيطري / جامعة القاسم الخضراء	يومان	2015
ورشة عمل جامعة سينسيناتي (الخطابة العامة والمشاركة المدنية)	جامعة القاسم الخضراء	يوم واحد	2015
ورشة عمل جامعة سينسيناتي (مقابلة)	جامعة القاسم الخضراء	يوم واحد	2015

الشهادات الأخرى

اسم الشهادة	المكان	السنة
Test in English language	جامعة بغداد / العراق	2005
Computer programs (windows, word, excel and power point)	جامعة بابل / العراق	2005
ISO investigator	جامعة بابل / العراق	2009
IC3 in computer programs	جامعة بابل / العراق	2011
TOFEL ITP	جامعة كربلاء / العراق	2011

المؤتمرات

اسم المؤتمر	المكان	السنة
Sustainable agricultural development	جامعة الفيوم / جمهورية مصر	2019
Toward investigation in scientific researches for social betterment	جامعة القادسية / العراق	2019
National Conference of Nanoscience and Nanotechnology	جامعة بروجرد / ايران	2018
The technical researches are the gate for best future	جامعة الفرات الأوسط التقنية / العراق	2018
Biological and medical techniques	جامعة الفرات الأوسط التقنية / العراق	2017

الخبرة العملية والعلمية

- 1- تدريسي في فرع الاحياء المجهرية / كلية الطب البيطري / جامعة بابل (2008-2010)
- 2- تدريسي في قسم الهندسة الوراثية / كلية التقانات الاحيائية / جامعة القاسم الخضراء (2010- ولحد الان)

المواد التي قمت بتدريسها

- 1- علم الانسجة العملي / المرحلة الثانية / كلية الطب البيطري / جامعة بابل / العراق
- 2- علم الاحياء المجهرية / المرحلة الثالثة / كلية الطب البيطري / جامعة بابل / العراق
- 3- علم المناعة / المرحلة الثالثة / كلية الطب البيطري / جامعة بابل / العراق
- 4- اساسيات وتطبيقات علم الاحياء الجزيئي / المرحلة الثالثة / كلية التقانات الاحيائية / جامعة القاسم الخضراء / العراق.
- 5- المضادات الحيوية / المرحلة الثالثة / كلية التقانات الاحيائية / جامعة القاسم الخضراء / العراق.
- 6- هندسة وراثية / المرحلة الثالثة / كلية التقانات الاحيائية / جامعة القاسم الخضراء / العراق.
- 7- علم الخلية / المرحلة الثانية / كلية التقانات الاحيائية / جامعة القاسم الخضراء / العراق
- 8- علم الاحياء الجزيئي / المرحلة الثانية / كلية التقانات الاحيائية / جامعة القاسم الخضراء / العراق.

9- علم الاحياء المجهرية/ المرحلة الثانية/ كلية التقانات الاحيائية/ جامعة القاسم الخضراء/ العراق.

10- المعلوماتية الحياتية/ المرحلة الرابعة/ كلية التقانات الاحيائية/ جامعة القاسم الخضراء/ العراق.

المهارات

- 1- العمل على جهاز thermos-cycler باستخدام تقنية تفاعل البلمرة المتسلسل التقليدي واللفظي.
- 2- العمل على تقنية الترحيل الكهربائي (Gel Electrophoresis و SDS-PSGE).
- 3- العمل على جهاز الفايترك Vitek2 system لتشخيص العزلات البكتيرية واختبار حساسيتها للمضادات الحيوية.

اللغات:

- 1- اللغة الام: اللغة العربية (كتابة وقراءة واستماع)
- 2- اللغات الأجنبية: اللغة الإنجليزية (كتابة وقراءة واستماع)

البحوث المنشورة

N	Research name	Place of publishing	Date
1	Evaluation of some antifungals in the biology of <i>Trichophyton</i> spp. in vitro	Journal of Babylon. Iraq	2007
2	Effect of some environmental conditions in growth and germination of <i>Trichophyton</i> spp. in vitro.	Journal of Babylon. Iraq	2007
3	Study of Some Virulence Factors of <i>Proteus mirabilis</i> Isolated from Urinary Stones Patients	Journal of Biology, Agriculture and Healthcare	2015
4	The Role of Lipopolysaccharide and O-Antigen of <i>Proteus mirabilis</i> in Urinary Stones Formation, In-Vitro Study	Journal of Natural Sciences Research	2015
5	Analysis of Bioactive Metabolites from <i>Candida albicans</i> Using (GCMS) and Evaluation of Antibacterial Activity	International Journal of Pharmaceutical and Clinical Research	15 July, 2016
6	In vitro Antibacterial, Antifungal and Phytochemical Analysis of Methanolic Extract of Fruit <i>Cassia fistula</i>	ORIENTAL JOURNAL OF CHEMISTRY	May 05, 2016
7	Characterization of Bioactive Chemical Compounds from <i>Aspergillus terreus</i> and Evaluation of Antibacterial and Antifungal Activity	International Journal of Pharmacognosy and Phytochemical Research	9, September, 2016
8	Evaluation of anti-bacterial activity and bioactive chemical analysis of <i>Ocimum basilicum</i> using Fourier transform infrared (FT-IR) and gas chromatography mass spectrometry (GC-MS) techniques	Journal of Pharmacognosy and Phytotherapy	20 April, 2016
9	<i>Proteus</i> species: Characterization and Herbal Antibacterial: A Review	International Journal of Pharmacognosy and Phytochemical Research	15 November, 2016
10	In Vitro antifungal potential of <i>Acinetobacter baumannii</i> and determination of its chemical composition by gas chromatography-mass spectrometry	Journal of Der Pharma Chemica	October, 2016
11	Characterization of Metabolites Produced by <i>E. Coli</i> and Analysis of Its Chemical Compounds Using GC-MS	International Journal of Current Pharmaceutical Review and Research	25 th December, 2016

12	Antibacterial Activity of Several Plant Extracts Against <i>Proteus species</i>	International Journal of Pharmaceutical and Clinical Research	25 th December, 2016
13	Medicinal Plants Used for Treatment of Rheumatoid Arthritis: A Review	International Journal of Pharmaceutical and Clinical Research	25 th December, 2016
14	Study of Bioactive Methanolic Extract of <i>Camponotus fellah</i> Using Gas Chromatography – Mass Spectrum	International Journal of Toxicological and Pharmacological Research	25 th December, 2016
15	Detection of Volatile Compounds Produced by <i>Pseudomonas aeruginosa</i> Isolated from UTI Patients by Gas Chromatography-Mass Spectrometry	International Journal of Toxicological and Pharmacological Research	25 th December, 2016
16	Uses of Nuclear Magnetic Resonance Spectroscopy Technique in Pharmaceutical Analysis: A Review	International journal of current pharmaceutical review and research	25 th April, 2017
17	Phytochemical Profiles of Methanolic Seeds Extract of <i>Cuminum cyminum</i> using GC-MS Technique	International journal of current pharmaceutical review and research	25 th April, 2017
18	Characterization of Antifungal Secondary Metabolites Produced by <i>Klebsiella pneumoniae</i> of its Chemical Compounds Using GC-MS	International journal of current pharmaceutical review and research	25 th April, 2017
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20	Rheumatoid Arthritis: History, Stages, Epidemiology, Pathogenesis, Diagnosis and Treatment	International journal of toxicological and pharmacological research	1 st May, 2017
21	Urinary Tract Infections: Characterization and Herbal Antimicrobial Activity: A review	International journal of current pharmaceutical review and research	25 th April, 2017
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23	Folated-nanocarrier for paclitaxel drug delivery in leukemia cancer therapy	Journal of Pharmaceutical Sciences and Research	2018

24	Detection of Serum Resistance Genes (lppA and omK36) in Enterobacteriaceae Species Isolated from Extraintestinal Infections	Indian Journal of Public Health Research and Development	2018
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26	Molecular Detection of Complement Resistance Genes (traT and iss) in some Enterobacteriaceae Isolates	Journal of Pure and Applied Microbiology	2018
27	Exploring of Insertion/deletion Polymorphism in the Vascular Endothelial Growth Factor Gene Associated with Type 2 Diabetic Patients in Al-Diwaniyah City	Journal of Global Pharma Technology	2019
28	Extraction Flavonoid Compound from <i>Foeniculum Vulgare</i> and Study its Anti-Bacterial Activity	Journal of Global Pharma Technology	2018
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30	In vitro study of Honey-Chitosan Nanofiber Wound Dressing Enriched with Capsaicin and Silver Nanoparticle Enhanced Antimicrobial and Wound Healing Activity	International Conference Of Nanotechnology (Iraq 2015) At: University of Technology- Baghdad-Iraq	2018