

Lecturer Eman Jassim Mohammed

Personal Information

- **Mustansiriyah University College of Science**
- **Department:** Microbiology
- **Nationality:** Iraqi
- **date of birth:** 1981
- **Place of birth:** Baghdad
- **Gender:** female
- **phone number:** 009647715250865
- **E- mail:** emanjassim@uomustansiriyah.edu.iq , emanjassim85@gmail.com

Language:

- **First language:** Arabic
- **Second language:** English
- **Third language:** Persian

	URL	
	Google scholar:	https://scholar.google.com/citations?user=nRSdIU4AAAAJ&hl=ar&authuser=1
	Academia.edu:	Microbiology / Pathogenic bacteria
	webofscience :	https://www.webofscience.com/wos/author/rid/GRR-3980-2022
	Researcher ID:	https://publons.com/researcher/GRR-3980-2022
	Scopus:	http://www.scopus.com/inward/authorDetails.url?authorID=57418502300&partnerID=MN8TOARS
	research gate:	Eman Jassim Mohammed(researchgate.net)
Orcid:	https://orcid.org/0000-0002-5267-2648	

Education

- ❖ 2005 – 2009. B.Sc. Department of Biology. Mustansiriyah University College of Science
- ❖ September 2017-2019: M.Sc. Department of Microbiology. University of Ferdowsi-Iran.
- ✓ **Subject:** O-serotyping of Escherichia coli strains isolated from patients with urinary tract infection from south of Iraq. Supervisor: Dr. Masoumeh Bahreini.

Research Interest

- ✓ Antibiotic Resistance
- ✓ ESBL
- ✓ PCR
- ✓ Pathogenic bacteria
- ✓ Phylogenetic groups
- ✓ MDR
- ✓ O-Serogroups
- ✓ Nanoparticles

Courses:

- ✓ Next Generation Sequencing Data Analysis. Iran
- ✓ Basic Molecular Techniques including RNA Extraction, cDNA Synthesis, PCR and Electrophoresis. Iran
- ✓ Immunohistochemistry (IHC): tissue preparation and gene expression analysis at protein level. Iran
- ✓ Green Synthesis of Nanoparticles using Plant Extracts. Iran
- ✓ First Winter School on Oncology Cell culture (theory). Iran
- ✓ A new approach for on-site therapeutic drug monitoring (TDM) of aminoglycosides in whole blood. Iraq
- ✓ More than 30 online participation certificates in my field.

Publications

- ✓ MOHAMMED, Eman Jasim Mohammed, et al. Relationship Between Antibiotic Resistance Patterns and O-Serogroups in Uropathogenic Escherichia coli Strains Isolated from Iraqi Patients. *Jundishapur Journal of Microbiology*, 2021, 14. October 2021 *Jundishapur Journal of Microbiology* 14(8) <http://dx.doi.org/10.5812/ijm.118833> Mohammad Reza Sharif moghadam's ,Eman Jassim Mohammed, Allami Mohammed, Mohammad reza Sharif moghaddam, Masoumeh Bahreini
- ✓ Prevalence and antibiotic resistance pattern of pathogenic bacteria isolated from urinary tract infections in Qal'at Saleh hospital- Iraq. Supervisor: Dr. Masoumeh Bahreini. <http://dx.doi.org/10.34172/ajcmi.2021.22> December 2021 *Avicenna Journal of Clinical Microbiology and Infection* 8(4):117-122
- ✓ Phylogenetic groups, serogroups and virulence factors of uropathogenic Escherichia coli isolated from patients with urinary tract infection in Baghdad, Iraq <http://dx.doi.org/10.18502/ijm.v14i4.10230> August 2022 *Iranian Journal of Microbiology* Eman Jassim Mohammed Kadhim Ch. Hasan Mohammed Allami

- ✓ **In Situ Biosynthesis of Reduced Alpha Hematite (α -Fe₂O₃) Nanoparticles by Stevia Rebaudiana L. Leaf Extract: Insights into Antioxidant, Antimicrobial, and Anticancer Properties**

<https://doi.org/10.3390/antibiotics11091252>

Samar Zuhair Alshawwa, Eman J. Mohammed, Nada Hashim, Mohamed Sharaf, Samy Selim, Hayaa M. Alhuthali, Hind A. Alzahrani, Alsayed E. Mekky and Mohamed G. Elharrif

- ✓ **Biocide Syntheses Bee Venom-Conjugated ZnO@ α Fe₂O₃ Nanoflowers as an Advanced Platform Targeting Multidrug-Resistant Fecal Coliform Bacteria Biofilm Isolated from Treated Wastewater**

<https://doi.org/10.3390/microbiolres14040102>

Mohamed Sharaf, Eman Jassim Mohammed, Eman M. Farahat, Amani A. Alrehaili, Abdulsalam Alkhudhayri, Ahmed Mohamed Ali, Abdullah A. Zahra, Shadi A. Zakai, Amr Elkelish, Maha AlHarbi and Mai Farag Saad

المدرس ايمان جاسم محمد

المعلومات الشخصية:

الجامعة: الجامعة المستنصرية

الكلية: كلية العلوم

القسم: الاحياء المجهرية

بكالوريوس: علوم الحياة الجامعة المستنصرية 2009

الماجستير: كلية العلوم \جامعة فردوسي \ مشهد إيران 2019

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اللغة:

العربية، الإنكليزية والفارسية

	عنوان المواقع	
	كوكل سكولر	https://scholar.google.com/citations?user=nRSdIU4AAAAJ&hl=ar&authuser=1
	التخصص الدقيق	بكتريا مرضية
	شبكة العلوم	https://www.webofscience.com/wos/author/rid/GRR-3980-2022
	بولونز	https://publons.com/researcher/GRR-3980-2022
	سكوبس	http://www.scopus.com/inward/authorDetails.url?authorID=57418502300&partnerID=MN8TOARS
	بوابة الأبحاث	Eman Jassim Mohammed(researchgate.net)
	المعرف المفتوح للباحثين والمساهمين	https://orcid.org/0000-0002-5267-2648

الاهتمام البحثي

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الكورسات

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البحوث المنشورة

- ✓ MOHAMMED, Eman Jasim Mohammed, et al. Relationship Between Antibiotic Resistance Patterns and O-Serogroups in Uropathogenic Escherichia coli Strains Isolated from Iraqi Patients. *Jundishapur Journal of Microbiology*, 2021, 14. October 2021 *Jundishapur Journal of Microbiology* 14(8) <http://dx.doi.org/10.5812/ijm.118833> Mohammad Reza Sharif moghadam's ,Eman Jassim Mohammed, Allami Mohammed, Mohammad reza Sharif moghaddam, Masoumeh Bahreini
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