



Rana H Raheema Al-Gharbawee

رنا حسين رحيمة

Professor

ACADEMIC TITLES

2021-06-01

Professor

TEACHING EXPERIENCE

Professor of Microbiology, College of Medicine, Wasit University, Iraq

Wasit University

2012-09 - Present

COURSES

• INFECTION AND IMMUNITY

• General Microbiology

• Medical bacteriology

GRADUATE SUPERVISION

Molecular study of some virulence genes in Diarrheagenic E. coli isolated from pediatric patients with diarrhea in Wasit province

Zainab Kadhim Abdulhassan (2019)

Molecular detection of some virulence genes In Pseudomonas aeruginosa clinical isolates

Rawan Hassan Abdulhadi (2019)

Serological and Molecular Detection of Adeno Virus In Patients With Acute Exacerbation of Asthma In Wasit Province

Mohammed Kadhim Jannan (2020)

Serological and molecular study of hepatitis C virus for thalassemia patients in Wasit Province/Iraq

Maytham Naeem Madi (2020)

Molecular Detection and Identification of Bacteria in Urine Samples of Asymptomatic and Symptomatic Pregnant Women in Wasit Province

Sarah Mohsen Dahoosh (2021)

Etiologies of urinary tract infections in children and antibiotics susceptibilities of causative

Dhilal Daa Nasser (2021)

Survey and Characterization of Multidrug Resistant Bacteria Isolated From Patients With Diabetic foot ulcers in wasit province

Atheer Tayeb Jasim (2021)

Phenotypic and Genotypic Characterization of Extended- Spectrum- β -Lactamase, AmpC, and Carbapenemase Producing Gram negative Bacteria Isolated from Intensive Care Unit Patients in Wasit Province

Rana Eisa Muslim (2022)

Molecular, Bacteriological, Phylogenetic tree and Biosynthesis Study of Nanoparticle of Proteus mirabilis from Urinary Tract Infection Patients in wasit province

Zahraa Ali Hadi (2022)

CONTACT

Phone: 07811552129

Email: rraheema@uowasit.edu.iq

rraheema@uowasit.edu.iq

EDUCATION

Doctorate (2012-07-06)

PhD in Microbiology

Baghdad

RESEARCH METRICS

h-index (Scopus) 6

h-index (GS) 11

Citations (Scopus) 63

Citations (GS) 280

Documents (Scopus) 18

Documents (GS) 54



Molecular detection of bacteria from ocular infections in wasit province

Muqal Jabbar Rashid (2023)

Phylogenetic and phenotypic Respiratory Tract pathogenic Bacteria among children Patients in Wasit Province

Rawaa B. J. Al Daamee (2024)

Genotypic Characteristics of Staphylococcus aureus Isolates from Intensive Care Unit Patients in Wasit Province, Iraq

Mohammed Jarah Saad (2025)

Housekeeping Genes of Clinical Pseudomonas aeruginosa Isolates from Iraqi Patients in Wasit Province

Hassan Abdulameer Kabash (2026)

A D M I N I S T R A T I V E P O S I T I O N S

2013-01-02 - 2014-02-09	Vice dean for scientific affairs / college of Veterinary Medicine
2013-06-03 - 2014-02-09	Director of the Division of Quality Assurance and Academic Performance,
2014-01-12 - 2017-10-01	Director of the Division of Quality Assurance and Academic Performance, College of Medicine, Wasit University.
2015-01-02 - 2017-01-03	Rapporteur of the Department of Anatomy and Histology, College of Medicine, Wasit University.
2016-06-04 - 2021-12-07	Head of the Department of Microbiology, College of Medicine, Wasit University,

P U B L I C A T I O N S (6 2)

1. **Prevalence, Antimicrobial Resistance Profiles, and Molecular Epidemiology of Clinical Pseudomonas aeruginosa Isolates in Wasit Province, Iraq**
Egyptian Journal of Medical Microbiology, 2027 | 2027
2. **Microbial Bioremediation for Sustainable Development**
The Microbe, 100699, 2026 | 2026 | Cited: 6
3. **Multilocus Sequence Typing Characterization of Pseudomonas Aeruginosa**
2026, 383-374, (6) 11 مجلة جامعة الكوت | 2026
4. **Artificial Intelligence in Medical Education: A Survey of Awareness and Readiness Among Iraqi Medical Students**
2026, 663-647, (37) 21 مجلة العلوم الأساسية | 2026
5. **Efficacy of flaxseed in reducing blood pressure among patients with cardiovascular risk factors: A systematic review and meta-analysis of parallel randomized controlled trials**
Journal of cardiovascular and thoracic research 17 (1), 1, 2025 | 2025 | Cited: 1
6. **A review of the superbug crisis**
Wasit Journal for Pure sciences 4 (2), 76-84, 2025 | 2025 | Cited: 1
7. **Awareness and Knowledge of Celiac Disease and the Role of Nanotechnology and Electrochemical Methods in Gluten Detection**
Analytical and Bioanalytical Electrochemistry 17 (8), 747-770, 2025 | 2025 | Cited: 1
8. **Breast Cancer and Microbiota: A Literature Review**
Medical Journal of Babylon 21 (3), 500-505, 2024 | 2024 | Cited: 2
9. **The general public's knowledge, attitudes, and practices around hepatitis A and E prevention and control in Iraq**
Wasit Journal for Pure sciences 3 (4), 225-235, 2024 | 2024 | Cited: 1
10. **Study of some virulence genes from uropathogenic Klebsiella pneumoniae and Pseudomonas aeruginosa isolated in Wasit Province, Iraq**
Medical Journal of Babylon 21 (1), 207-213, 2024 | 2024 | Cited: 7

11. **Enterobacter hormaechei Bacteria from Paper Napkins Confirmed by 16S rRNA Gene and Experimental Infection in Rats**
Agricultural Science Digest | 2024
12. **Prevalence of Gram-Positive and Negative Bacteria Associated with External Ocular Infection in Wasit Province, Iraq**
Medical Journal of Babylon | 2023 | Cited: 6
13. **Cyanobacteria and Microalgae Microcystin-LR of the Reverse Osmosis House Filter Drinking Water in Babel Province, Iraq**
2023
14. **Molecular Detection of SPA-Type of Methicillin-Resistant Staphylococcus aureus from Urinary Tract Infection Patient in Wasit Province, Iraq**
Medical Journal of Babylon | 2023 | Cited: 5
15. **CHARACTERIZATION OF MULTIDRUG RESISTANT BACTERIA ISOLATED FROM PATIENTS WITH DIABETIC FOOT ULCERS IN WASIT PROVINCE**
Biochem. Cell. Arch 22 (1), 000-000, 2022 | 2022 | Cited: 3
16. **Design of primers for evaluation of some gram-negative bacteria isolated from intensive care unit patients in Wasit province, Iraq**
2022
17. **Molecular Detection of Plasmid-Mediated AmpC in Gram Negative Bacteria Isolated from Intensive Care Unit Patients in Wasit Province, Iraq**
The Egyptian Journal of Hospital Medicine 89 (2), 6488-6495, 2022 | 2022 | Cited: 2
18. **Virulence factors of Pseudomonas aeruginosa Isolates from Iraqi patients: Literature Review**
2022, 232-221, مجلة العلوم الأساسية, 2022 | 2022
19. **Silver Nanoparticles Biosynthesis, Characterization and Their Antibacterial Activity against Multidrug-Resistant Bacteria in wasit Province, Iraq**
HIV Nursing 22 (2), 2089-2095, 2022 | 2022 | Cited: 4
20. **Relationship between antibiotic resistance, biofilm-formation and virulence factors among multidrug-resistant Proteus mirabilis isolated from UTI patients in Wasit province, Iraq**
HIV Nurs 22 (2), 2082-2088, 2022 | 2022 | Cited: 4
21. **Copyright© 2021 by Cherkas Global University Published in the USA European Journal of Medicine Has been issued since 2013. E-ISSN: 2310-3434**
European Journal of Medicine 9 (2), 2021 | 2021
22. **الترقية العلمية**
Unpublished | 2021
23. **Molecular Detection of E.coli and Identification of another Bacteria spp. Isolated from Urine Samples of Asymptomatic and Symptomatic Pregnant Women in Wasit Province**
Unpublished | 2021
24. **Molecular study of some virulence genes in Diarrheagenic E. coli isolated from pediatric patients with diarrhea in Wasit province**
Unpublished | 2021
25. **Phylogenetic study of multidrug resistance uropathogenic Escherichia coli in children of AL-KUT city**
Unpublished | 2021
26. **Rapid methods for detection of methicillin-resistant staphylococcus aureus in wasit province, iraq**
International Journal of Drug Delivery Technology | 2021 | Cited: 3
27. **Acceptance of Covid-19 vaccine among general population in Iraq: Acceptance of Covid-19 vaccine among general population in Iraq**
Iraqi National Journal of Medicine 3 (1), 93-103, 2021 | 2021 | Cited: 21
28. **Distribution of phylogenetics and virulence genes of uropathogenic Escherichia coli among urinary tract infection in pregnant women**
Biochem. Cell. Arch 21 (1), 449-456, 2021 | 2021 | Cited: 16

29. **Characterization and molecular study to detect multidrug resistance bacteria isolated from patients with diabetic foot ulcers in Wasit province**
Ministry of Higher Education, 2021 | 2021 | Cited: 12
30. **Characterization of antibiotic resistance of Staphylococcus aureus isolated from patients with diabetic foot ulcers in Wasit Province**
J Sci Res Arch 3, 201-8, 2021 | 2021 | Cited: 11
31. **ANTIMICROBAIL ACTIVITY, HPLC ANALYSIS OF PHENOLIC EXTRACT OF OCIMUM BASILICUM AND OCIMUM SANCTUM.**
Biochemical & Cellular Archives 21 (2), 2021 | 2021 | Cited: 8
32. **Isolation of Methicillin-Resistant Staphylococcus Pseudintermedius Strains from Human Otitis cases in Wasit Province, Iraq**
Sys Rev Pharm): 12 (2), 372-377, 2021 | 2021 | Cited: 3
33. **Descriptive Study of Septicemia among Children Under Five Years in Wasit Province, Iraq in 2019**
Medico-legal update 1 (21), 2, 2021 | 2021 | Cited: 2
34. **Serological and Molecular Study for Hepatitis C Virus in Thalassemia Patients in Wasit Province/ Iraq**
Annals of the Romanian Society for Cell Biology 25 (4), 11513-11521, 2021 | 2021 | Cited: 1
35. **Probiotic Effects on Covid-19**
European Journal of Medicine | 2021
36. **Serological and molecular study of hepatitis C virus for thalassemia patients in Wasit Province/ Iraq**
Unpublished | 2020
37. **Detection of the toxin associated genes of methicillin-resistant staphylococcus aureus using a multiplex PCR assay in wasit general hospitals**
Systematic Reviews in Pharmacy | 2020
38. **Detection of the Toxin Associated Genes of Methicillin Resistant Staphylococcus Aureus Using a Multiplex PCR Assay in Wasit General Hospitals**
systematic review in pharmacy 11 (584-Volume 11 | Issue 10 | Page), 2020 | 2020 | Cited: 3
39. **RAPID METHODS FOR DETECTION OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS IN WASIT PROVINCE, IRAQ**
2020 | Cited: 3
40. **Serological and Molecular Detection of Adeno Virus In Patients With Acute Exacerbation of Asthma In Wasit Province**
Unpublished | 2020
41. **Article review: Virulence factors of coagulase-negative staphylococci isolates from iraqi patients**
International Journal for Research in Applied Sciences and Biotechnology ..., 2020 | 2020 | Cited: 2
42. **Knowledge, attitude, and practice regarding coronavirus disease-19: population-based study in Iraq. Open Access Maced J Med Sci. 2020; 8 (T1): 137–41**
Open Access Macedonian Journal of Medical Sciences 8 (T1), 137-141, 2020 | 2020 | Cited: 20
43. **Phytochemicals screening and antibacterial activity of silver nanoparticles, phenols and alkaloids extracts of conocarpus lancifolius.**
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44. **Molecular diagnosis of some virulence genes in Pseudomonas aeruginosa clinical isolates in Wasit Province**
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45. **Direct Submission**
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46. **Molecular identification of Virulence genes of Staphylococcus aureus isolated from different clinical isolates**
Indian Journal of Public Health Research & Development 10 (2), 212-218, 2019 | 2019 | Cited: 14
47. **Molecular diagnosis of diarrheagenic E. coli infections among the pediatric patients in wasit province, Iraq**
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48. **Phylogenetic tree and submission of Staphylococcus aureus isolate from skin infection**
Journal of Pure and Applied Microbiology 12 (4), 2199-2204, 2018 | 2018 | Cited: 10
49. **Effect of Pomegranate Peel Extract on some Biochemical and Histopathological Parameters in Experimental Induced Mice with Staphylococcus aureus Article**
NE USAcademic PublishersJournal of ...,, 2016 | 2016 | Cited: 29
50. **THE EFFECT OF PARTIAL PURIFIED PLANTARICIN AGAINST URINARY TRACT INFECTION (UTI) INDUCED BY ESCHERICHIA COLI AND PROTEUS MIRABILIS IN EXPERIMENTAL RAT MODEL**
EUROPEAN JOURNAL OF PHARMACEUTICAL AND MEDICAL RESEARCH 3 (8), 623-630, 2016 | 2016
51. **Protective effect of chamomile recutita flowers extract against Urinary tract infection induced by Pseudomonas aeruginosa in Experimental mice models**
J Health Med Nurs 22, 75-84, 2016 | 2016 | Cited: 5
52. **Experimental study for the effect of Trigonellafoenum-graecum (fenugreek) seeds extract on some biochemical and histo pathological study in induced diarrhea in mice by**
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53. **Optimal conditions for acidocin production from Lactobacillus acidophilus isolate**
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54. **Determination of Optimal Conditions for Plantaricin Production From Lactobacillus plantarum Isolate**
Online International Interdisciplinary Research Journal 3, 3-13, 2013 | 2013 | Cited: 1
55. **Extraction and purification of tannins from Plantago lanceolata L. and assessment their antibacterial activity on pathogenesis of enteropathogenic E. coli in vitro and in vivo**
DAMA International 1 (1), 17-21, 2012 | 2012 | Cited: 16
56. **Growth and pathogenesis of Enteropathogenic E. coli as affected by bacteriocin produced and purified from Lactobacillus isolates with or without Quercus infectoria: Hassan A**
The Iraqi Journal of Veterinary Medicine 36 (0E), 1-7, 2012 | 2012
57. **The Microbe**
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58. **PHENOTYPIC AND MOLECULAR CHARACTERIZATION OF β -LACTAMASES AMONG UROPATHOGENIC ESCHERICHIA COLI FROM PEDIATRIC PATIENTS IN WASIT PROVINCE**
Biochem. Cell. Arch 22 (1), 000-000, 0 | 0 | Cited: 2
59. **A review on Some Virulence factors of Pseudomonas aeruginosa Isolates from Iraqi patients**
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60. **CYTOGENETIC EFFECTS OF PARTIAL PURIFIED PLANTARICIN OF LACTOBACILLUS PLANTARUM ON STEM CELLS MICE BONE MARROW**
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61. **khalaf A (2022): Phylogenetic tree analysis based on the 16S sequence alignment for Proteus mirabilisIsolated from UTI patients in Wasit Province**
Iraq. World J Biol Pharmacy Health Scie 12 (01), 125-132, 0 | 0 | Cited: 3
62. **Zahra Ali Hadi AL-Jeelizy B. Sc. Biology/Waist University (2007) Supervised by**
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