



# Yasir Haider Jalil Jaber Al-Mawlah

ياسر حيدر جليل جابر المولى

Associate Professor

## PROFILE

Name: Yasser Haider Al-Mawla

Generation: Hillah / Babylon 1988

Affiliation: University of Babylon / DNA Research Center

Position: Head of Forensic Department

Currently an Assistant Professor and Head of the Forensic Department at the DNA Research Center, University of Babylon, Iraq.

I began my undergraduate studies (Bachelor's) in general biology at the University of Babylon in the year (2010), then I obtained a master's degree in biotechnology from the University of Babylon in the year (2013), and after one year, I began working in an Iraqi biotechnology company specialized in selling, maintaining and marketing Laboratory tools and equipment from 2013 to 2017. I started my government work in 2015 as a teacher at the University of Babylon until this moment and obtained a doctorate degree in 2021 in the field of forensic evidence / genetic engineering with an honors degree as a unique thesis. I obtained the scientific title (assistant professor) on 08/10/2022 assumed the position of Head of the Forensic Evidence Department at the DNA Research Center on 10/17/2023.

I have more than 30 published research articles since 2017 including 15 articles cited by Scopus, in addition to 10 articles cited by WOS. As a reviewer I reviewed more than 50 manuscripts to Elsevier journals, also more than 100 manuscripts to different journals covered by Web of Science (Clarivate) journals, 90 manuscripts in our local journal (Journal of Babylon for applied science), associated editor for Indiana Journal of Multidisciplinary Research, Editorial board member in International Journal of Genetics and Genomics, Permanent editorial Reviewer board in GENE family journals which indexed and cited by Elsevier (Scopus) also web of science (Clarivate).

## ACADEMIC TITLES

2018-12-05	Lecturer
2022-10-08	Associate Professor

## ADMINISTRATIVE POSITIONS

2023-10-17 - Present	Head of Forensic Sciences
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## INTERNATIONAL MEMBERSHIPS

- American Academy of Forensic Sciences

## PUBLICATIONS ( 74 )

- Advances in DNA Phenotyping: From Molecular Markers to Predictive Forensic Profiling  
2026
- CRISPR and Beyond: Emerging Tools for Precision Genome Editing in Molecular Biology and Medicine  
2026

## CONTACT

Phone: 07705713626

Email: yasser.almawla@uobabylon.edu.iq

yasser.almawla@uobabylon.edu.iq

## EDUCATION

بكالوريوس (07-12-2010)

Biotechnology

University of Babylon

ماجستير (04-02-2013)

Biotechnology

University of Babylon

دكتوراه (10-07-2021)

Molecular Biology / Forensic Sciences

University of Babylon

## RESEARCH METRICS

h-index (Scopus)	7
h-index (GS)	9
Citations (Scopus)	99
Citations (GS)	252
Documents (Scopus)	27
Documents (GS)	45



3. **Clinical and Laboratory Predictors of COVID-19 Severity: Identifying Key Biomarkers for Risk Stratification and Patient Outcomes**  
*Acta Medica Iranica, 2025 | 2025*
4. **Clinical and Laboratory Predictors of COVID-19 Severity: Identifying Key Biomarkers for Risk Stratification and Patient Outcomes**  
*Acta Medica Iranica, 134-142, 2025 | 2025*
5. **The role of biofilm in Proteus mirabilis antibiotic resistance biomarker in patients with urinary tract infections**  
*Journal of Biotech Research [ISSN: 1944-3285] 17, 180-186, 2024 | 2024*
6. **Psoarisis Vrs Alstonia Scholaris: Computational Validation as Functional Food: Key Words: Psoriasis; Functional Food; TRPV3 ion channel; Alstonia scholaris; Alstolenine&nbsp;...**  
*Asian Journal of Medicine and Biomedicine 8 (1), 73-85, 2024 | 2024 | Cited: 1*
7. **Psoarisis Vrs Alstonia Scholaris: Computational Validation as Functional Food**  
*Asian Journal of Medicine and Biomedicine 8 (1), 73-85, 2024 | 2024*
8. **Biochemical markers of liver function test (ALT, AST, ALP) in thyroid dysfunction (Hyperthyroidism and Hypothyroidism)**  
*Journal of Biotech Research [ISSN: 1944-3285] 16, 167-174, 2024 | 2024*
9. **Biochemical markers of liver function test (ALT, AST, ALP) in thyroid dysfunction (hyperthyroidism and hypothyroidism)**  
*Journal of Biotech Research 16, 167-174, 2024 | 2024 | Cited: 14*
10. **Exploring the impact of Escherichia coli outer membrane proteins on immune response and inflammation in rabbits.**  
*Journal of Biotech Research 17, 2024 | 2024*
11. **Human Papillomavirus: It's Characteristics, Pathogenesis, Transmission, Immunity, and it's Role in Cervical Cancer: A Mini Review**  
*Journal of Water Res 1 (1), 65-72, 2023 | 2023 | Cited: 2*
12. **Histological and physiological determinants of hypothyroidism in patients and its relationship with lipid profile**  
*J Adv Biotechnol Exp Ther 6 (1), 09-16, 2023 | 2023 | Cited: 7*
13. **The genotypes of glutathione peroxidase 1 (GPx1)(Rs1050450) affect some biomarker levels in the breast cancer patients**  
*Journal of Biotech Research 14, 153-159, 2023 | 2023 | Cited: 5*
14. **Histological and physiological determinants of hypothyroidism in patients and its relationship with lipid profile**  
*J Adv Biotechnol Exp Ther 6 (1), 9-16, 2023 | 2023 | Cited: 5*
15. **Examination and analyzing the levels of related micronutrients and anemia in pregnant women.**  
*Journal of Biotech Research 14, 2023 | 2023 | Cited: 3*
16. **Treatment Role Of Recombinant Human Growth Hormone Combined With Calcium Lysine Phosphate Hydrogen Granule In Children Suffering From Idiopathic Short Stature.**  
*Journal of Pharmaceutical Negative Results 14, 2023 | 2023 | Cited: 1*
17. **Genetic polymorphism detection of interleukin-10 (-1082 A/G) gene in hepatitis B patients**  
*Journal of Biotech Research 15, 232-237, 2023 | 2023 | Cited: 1*
18. **Therapeutic effects of Viscum extract, metformin, and laser on reducing the toxicity of OVCAR-3 cells**  
*Journal of Biotech Research [ISSN: 1944-3285] 15, 31-39, 2023 | 2023*
19. **Examination and analyzing the levels of related micronutrients and anemia in pregnant women**  
*Journal of Biotech Research 14, 35-40, 2023 | 2023 | Cited: 3*
20. **Role of some serological markers in evaluation COVID-19 infection severity**  
*Journal of Biotech Research 15, 40-47, 2023 | 2023 | Cited: 1*
21. **Histological and physiological determinants of hypothyroidism in patients and its relationship with lipid profile**  
*J Adv Biotechnol Exp Ther 6 (1), 9-16, 2023 | 2023 | Cited: 4*

22. **Examination and analyzing the levels of related micronutrients and anemia in pregnant women**  
*Journal of Biotech Research* 14, 35-40, 2023 | 2023 | Cited: 2
23. **Effect of Rs5746136 genotypes on SOD activity and biomarkers levels in breast cancer patients.**  
*AIMS Biophysics* 10 (1), 2023 | 2023 | Cited: 5
24. **Ellagic Acid Vrs Covid-19: Functional Food to Drug Discovery**  
*Asian Journal of Medicine and Biomedicine* 7 (2), 253-266, 2023 | 2023 | Cited: 1
25. **Genetic Variants of the Gsr Gene (rs2978663) and the Progression of Osteoporosis**  
*Acta Informatica Medica* 31 (1), 37, 2023 | 2023 | Cited: 3
26. **Human Papillomavirus: It's Characteristics, Pathogenesis, Transmission, Immunity, and it's Role in Cervical Cancer: A Mini Review**  
*J Water Res* 1 (1), 65-72, 2023 | 2023
27. **Genetic polymorphism detection of interleukin-10 (-1082 A/G) gene in hepatitis B patients**  
*Journal of Biotech Research [ISSN: 1944-3285]* 15, 232-237, 2023 | 2023
28. **Therapeutic effects of Viscum extract, metformin, and laser on reducing the toxicity of OVCAR-3 cells**  
*Journal of Biotech Research* 15, 31-39, 2023 | 2023
29. **Chromium status and insulin resistance as the risk factors of ischemic heart disease in Type 2 Diabetes Mellitus patients**  
*Journal of Biotech Research* 15, 24-30, 2023 | 2023 | Cited: 4
30. **Treatment Role Of Recombinant Human Growth Hormone Combined With Calcium Lysine Phosphate Hydrogen Granule In Children Suffering From Idiopathic Short Stature**  
*Journal of Pharmaceutical Negative Results*, 1500-1504, 2023 | 2023
31. **The genotypes of glutathione peroxidase 1 (GPx1)(Rs1050450) affect some biomarker levels in the breast cancer patients**  
*Journal of Biotech Research* 14, 153-159, 2023 | 2023 | Cited: 2
32. **Assessment of the Specificity and Stability of Micro-RNAs as a Forensic Gene Marker**  
*Biomedical and Biotechnology Research Journal (BBRJ)* 7 (4), 569-576, 2023 | 2023 | Cited: 11
33. **Human Papillomavirus: It's Characteristics, Pathogenesis, Transmission, Immunity, and it's Role in Cervical Cancer: A Mini Review. J**  
*Water Res* 1, 65-72, 2023 | 2023 | Cited: 1
34. **Study of promotor-21 A/T polymorphism of catalase CAT (rs7943316) gene in patients with breast cancer**  
2022 | Cited: 3
35. **Study of small non-coding RNA (miRNA) expression pattern of fertile/infertile male semen**  
*Acta Informatica Medica* 30 (3), 205, 2022 | 2022 | Cited: 21
36. **Micro-RNA evaluation, specification, and stabilization study in mixed/non-mixed body fluids as a specific molecular marker**  
*J Adv Biotechnol Exp Ther* 5 (2), 347, 2022 | 2022 | Cited: 9
37. **Effects of chemotherapy on antioxidant enzymes activities and lipid peroxide levels in the blood of women with breast cancer**  
*International Journal of Health Sciences* 6 (57), 896-904, 2022 | 2022 | Cited: 4
38. **Micro-RNA evaluation, specification, and stabilization study in mixed/non-mixed body fluids as a specific molecular marker**  
*J Adv Biotechnol Exp Ther* 5 (2), 347-357, 2022 | 2022 | Cited: 9
39. **Effects of chemotherapy on antioxidant enzymes activities and lipid peroxide levels in the blood of women with breast cancer**  
*International journal of health sciences* 6 (57), 896-904, 2022 | 2022 | Cited: 4
40. **Micro-RNA evaluation, specification, and stabilization study in mixed/non-mixed body fluids as a specific molecular marker**  
*J Adv Biotechnol Exp Ther* 5 (2), 347-357, 2022 | 2022 | Cited: 14
41. **Association between some candidate gene variants and the development of osteoporosis.**  
2021 | Cited: 4

42. **Identification of suitable reference gene for normalization of microRNAs in forensically revenant body fluids by reverse transcription-quantitative polymerase chain reaction**  
*Annals of the Romanian Society for Cell Biology 25 (4), 5112-5116, 2021 | 2021 | Cited: 1*
43. **Association between genetic polymorphisms of (Cu/ZnSOD and CAT C262T) and the risk of breast cancer**  
*Gene Reports 25, 101401, 2021 | 2021 | Cited: 13*
44. **The Effect of Mixing Seminal Fluid and Vaginal Secretion on the Expression of miRNA Markers in a Simulated Forensic Scientific Detection**  
*Annals of the Romanian Society of Cell Biology 25 (4), 11477 - 11482, 2021 | 2021 | Cited: 5*
45. **Silver Nanoparticles as Antibacterial Action against Pseudomonas Fluorescens Isolated from Burn Infection**  
*Annals of the Romanian Society of Cell Biology 25 (4), 12578 - 12583, 2021 | 2021 | Cited: 7*
46. **A Mini-review Silver nanoparticles (AgNPs) as Antimicrobial in Magical Socks**  
*JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL 33 (51), 23-32, 2021 | 2021 | Cited: 7*
47. **Association Between Some Candidate Gene Variants And The Development Of Osteoporosis**  
*NVEO-NATURAL VOLATILES & ESSENTIAL OILS Journal|NVEO, 1125-1142, 2021 | 2021*
48. **Identification of suitable reference gene for normalization of microRNAs in forensically revenant body fluids by reverse transcription-quantitative polymerase chain reaction**  
*Annals of the Romanian Society for Cell Biology, 5112-5116, 2021 | 2021 | Cited: 1*
49. **STUDYING THE RELATIONSHIP BETWEEN FTO, MC4R AND BDNF GENES POLYMORPHISM AND OBESITY IN AL-HILLAH CITY, IRAQ.**  
*Biochemical & Cellular Archives 20, 2020 | 2020*
50. **Antibiotic susceptibility of bacteria isolated from under nails**  
*Indian Journal of Forensic Medicine & Toxicology 14 (2), 333, 2020 | 2020 | Cited: 5*
51. **ANTIMICROBIAL RESISTANCE PROFILES OF BACTERIA ISOLATED FROM POULTRY**  
*Plant Archives, 2020 | 2020*
52. **Antimicrobial resistance profiles of bacteria isolated from poultry droppings and treated by AgNPs green synthesis from Thymus kotschyanus.**  
*2020 | Cited: 2*
53. **Antibiotic susceptibility of bacteria isolated from under nails**  
*Indian Journal of Forensic Medicine & Toxicology 14 (2), 333, 2020 | 2020 | Cited: 4*
54. **Antibiotic susceptibility of bacteria isolated from under nails**  
*Indian Journal of Forensic Medicine & Toxicology 14 (2), 406-409, 2020 | 2020 | Cited: 4*
55. **Titanium dioxide nanoparticles as antibacterial agents against some pathogenic bacteria**  
*Drug Invent. Today 12 (5), 963-967, 2019 | 2019 | Cited: 40*
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*Drug Invention Today 12 (5), 963-967, 2019 | 2019 | Cited: 38*
57. **Titanium dioxide nanoparticles as antibacterial agents against some pathogenic bacteria**  
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58. **Anti-cancer activity of Opuntia polyacantha alkaloid extract on human breast cancer cell line**  
*Journal of Pharmaceutical Sciences and Research 10 (7), 1753-1754, 2018 | 2018 | Cited: 14*
59. **Molecular differentiation between Shigella and Escherichia coli using PCR Technique**  
*Journal of Pharmaceutical Sciences and Research 10 (2), 276-277, 2018 | 2018 | Cited: 6*
60. **Comparison of effects Antibiotics and Natural Honey and Extracts of Plants on Escherichia coli growth isolated from different pathogenic cases**  
*journal of university of babylon 26 (7), 16, 2018 | 2018 | Cited: 10*
61. **Antibacterial activity of Streptomyces sp. Isolated from high tolerant ecosystem in Babylon province, Iraq**  
*journal of university of babylon 26 (7), 7, 2018 | 2018 | Cited: 3*
62. **Antibacterial activity of three plant extracts against multidrug resistance Pseudomonas aeruginosa**  
*Asian Journal of Pharmaceutical and Clinical Research 10 (12), 193-197, 2017 | 2017 | Cited: 19*

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*Asian Journal of Pharmaceutical and Clinical Research* 10 (12), 193-197, 2017 | 2017 | Cited: 13
64. **Antibacterial activity of three plant extracts against multidrug resistance *Pseudomonas aeruginosa***  
*Asian J Pharm Clin Res* 10 (12), 193-7, 2017 | 2017 | Cited: 17
65. **Extraction, purification and characterization of lectin from *Phaseolus vulgaris* L. cv. white seeds (white kidney bean).**  
2013 | Cited: 3
66. **Extraction, purification and characterization of lectin from *Phaseolus vulgaris* L. cv. white seeds (white kidney bean)**  
*Sci. Bul. Ser. F Biotechnol* 17, 69-77, 2013 | 2013 | Cited: 4
67. **(Interaction of Some Pathogenic Bacteria with *Phaseolus Vulgaris* L. Seeds Lectin (as Biosensor**  
*International Journal of Bioscience, Biochemistry and Bioinformatics* 3 (3&nbsp;...), 2013 | 2013 | Cited: 3
68. **Extraction, purification and characterization of lectin from *phaseolus vulgaris* L. cv. white**  
*Medical journal of Babylon* 9 (4), 2012 | 2012 | Cited: 6
69. **Effects of chemotherapy on antioxidant enzymes activities and lipid peroxide levels in the blood of women with breast cancer**  
*Breast Cancer* 6 (57), 5896-5904, 0 | 0 | Cited: 1
70. **ANTIMICROBIAL RESISTANCE PROFILES OF BACTERIA ISOLATED FROM POULTRY DROPPINGS AND TREATED BY AGNPS GREEN SYNTHESIS FROM THYMUS KOTSCHYANUS**  
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71. **Association of catalase gene polymorphism (rs1001179) with the enzyme activities and breast Cancer Susceptibility in a sample of Iraqi women in Babylon City**  
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72. **Measuring the level of Interleukine-17 concentration in psoriasis patients' serum**  
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73. **Effects of chemotherapy on antioxidant enzymes activities and lipid peroxide levels in the blood of women with breast cancer**  
*breast cancer* 6 (57), 896-904, 0 | Cited: 1
74. **ANTIMICROBIAL RESISTANCE PROFILES OF BACTERIA ISOLATED FROM POULTRY DROPPINGS AND TREATED BY AGNPS GREEN SYNTHESIS FROM THYMUS KOTSCHYANUS**