

Abdullah Salim Al-Karawi

SAB'ABKAR, ADHAMIYA, BAGHDAD, IRAQ

PHONE: +9647707724117

EMAIL: abdull4h.salim@gmail.com

Social Profiles

[abdull4h.salim](#) (Facebook)

[abdull4h-salim](#) (LinkedIn)

[abdull4h.s](#) (Instagram)

[Google-Scholar](#) , [Scopus](#)

SUMMARY

Medical Laboratory Scientist with a master's degree, experienced in university teaching, clinical laboratory diagnostics, and biomedical research. Advanced skills in ELISA, clinical biochemistry, hematology, and immunology assays, with a focused interest in immunology. Experience in quality control and quality assurance (QC/QA), method validation, and statistical analysis using SPSS and GraphPad Prism, in addition to study design, data visualization, and scientific writing, including research proposals, literature reviews, and publications in peer-reviewed journals. Capability in student supervision and delivery of theoretical and practical lectures, with a strong commitment to accurate diagnostics, evidence-based research, and improvement of healthcare outcomes.

LANGUAGE

- Arabic – Native
- English – IELTS Academic Certified (CEFR B1)
IELTS Academic Certificate Holder

EDUCATION

Master of Medical Laboratory Sciences

- Al-Ahliyya Amman University, Amman, Jordan (2019 - 2021)
GPA: 3.49/4

Bachelor of Medical Laboratory Sciences

- Al-Ahliyya Amman University, Amman, Jordan (2015 - 2019)
Grade: 71.3%
-

EXPERIENCE

- **Mustansiriyah University, Baghdad**
 - Lecturer in Microbiology Department (04/2023 - Present)
 - I taught various subjects including Medical Terminology, Basic Immunology, etc...
 - **Al-Hadi University College, Baghdad**
 - Lecturer (12/2021 - Present)
 - I taught various subjects including Clinical Immunology, Basic Immunology, and Advanced Laboratory Techniques.
 - Managed multiple departmental responsibilities.

 - **Gilgamesh Ahliya University, Baghdad**
 - Lecturer (12/2022 - 06/2023)
 - I served as a faculty member in the Department of Radiology and Sonar, teaching Physiology and Medical Terminology.
 - **Al-Ahliyya Amman University Labs, Amman, Jordan**
 - Researcher (04/2021 - 09/2021)
 - Worked on my thesis project using instruments such as HumanStar 200 Instrument (Biochemistry), Sysmex xp 300 Instrument, Celltac Alpha MEK-6500K (CBC), and both Coated and Uncoated ELISA (Biotek Reader).

 - **Istiklal Hospital, Amman, Jordan**
 - Trainee Medical Laboratory Technician (01/2018 - 06/2018)
 - Maintained detailed training logs for all section examinations and executed lab procedures effectively.
 - Strictly adhered to safety standards and infection control precautions.
 - Continuous focus on professional growth and learning.
 - Meticulously maintained laboratory equipment for precise testing outcomes.
-

SKILLS

- Extensive lecturing experience at Al-Hadi University and Gilgamesh Ahliya University College, focusing on subjects like Clinical Immunology, Basic Immunology, Advanced Laboratory Techniques, Medical Terminology, and Physiology.
- Comprehensive understanding of various laboratory tests, their implications, and related pathological conditions.
- Proficiency in composing research papers, conducting scientific investigations, outlining indications, and deriving research conclusions.
- Wide-ranging experience in the Enzyme-linked immunosorbent assay (ELISA), covering both coated and uncoated methods.
- Professional expertise in areas such as Routine Analysis, Hematology, Clinical Biochemistry, and Immunology.
- Advanced abilities in Statistical Analysis using Graph-Pad Prism.
- Skilled user of the Microsoft Office suite.
- In-depth knowledge of Westgard rules for quality control.
- Familiar with standard phlebotomy procedures.

- Significant experience in establishing and maintaining effective Quality Assurance and Quality Control programs.
- Strong working knowledge of laboratory information system software.

PUBLICATIONS

- 1. Biomarkers of Sepsis Severity: A Comparative Evaluation of Immunological and Biochemical Parameters**
 - Published in Al- Anbar Medical Journal “Scopus Q3” (10/2025)
- 2. “Antimicrobial Efficacy of Bacteriocin from *Leuconostoc mesenteroides* subsp. *cremoris* Against *Pseudomonas aeruginosa*”**
 - Published in International Journal of Design & Nature and Ecodynamics “Scopus Q2” (10/2025)
- 3. “Multisystem effects of obesity: dysregulation of leptin, thyroid hormones, autoantibodies, immune and neurological responses”**
 - Published in The Egyptian Journal of Immunology “Scopus Q4” (10/2025)
- 4. “Investigating the Multifactorial Correlation Between Obesity and Rheumatoid Arthritis: A Study of Immunological and Biochemical Markers.”**
 - Published in Obesity medicine journal “Scopus Q1” (01/2025)
- 5. “Correlation of autoimmune response and immune system components in the progression of IgA nephropathy: A comparative study.”**
 - Published in Human Immunology “Scopus Q2” (12/2024)
- 6. “Correlation Between Vitamin D3 Levels, Autoantibodies, and Antibody-Related Diseases in Patients with Hashimoto's Thyroiditis.”**
 - Published in Turkish journal of Immunology “Scopus Q3” (12/2024)
- 7. “Role of autoantibodies against self-proteins, mitochondrial cellular antigens, and some complement proteins (C3 and C4) in patients with Atherosclerosis”**
 - Published in Medical Journal of Babylon “ Scopus Q2” (06/2025)
- 8. “Biomarkers of Sepsis Severity: A Comparative Evaluation of Immunological and Biochemical Parameters”**
 - Accepted in in Al-Anbar Medical Journal (AMJ) “ Scopus Q3” (07/2025)
- 9. Transplantation Immunology: The Role of Microbiota in Organ Acceptance and Rejection**
 - Published in Al-Razi University Journal for Medical Sciences (Arabic journal) (01/2025)
- 10. The Impact of Spirulina Supplementation on Iraqi Obese Females: A Cohort Study**
 - Al-Mustansiriyah Journal of Science (Local Journal) (12/2024)
- 11. “Revealing the Urinary Microbiota in Prostate Cancer: A Comprehensive Review Unveiling Insights into Pathogenesis and Clinical Application”**
 - Published in Al-Salam Journal for Medical Science “Local Journal” (01/2024)
- 12. “Exploring the role of autoantibodies in Iraqi females with polycystic ovary syndrome.”**
 - Published in Journal of Advanced Biotechnology and Experimental Therapeutics “Scopus Q3” (12/2023)
- 13. “An examination of the seroprevalence of torch infections and their correlation with adverse reproductive outcomes in females exhibiting a bad obstetric history.”**
 - Published in Journal of Indian Journal of Microbiology Research “Scopus Q4” (12/2023)
- 14. “Screening and diagnosis of beta-thalassemia depending on hba2 and blood film in baghdad city”**
 - Published in World Journal of Pharmaceutical Science and Research (WJPSR) “International” (11/2023)
- 15. “A Clinical Study on the Association Between Bacterial Infection and Inflammatory Cytokines in the Wounds of Burn Injury Patients.”**
 - Published in “Sustainable development and scientific research,” Beirut, October “conference” (10/2023)
- 16. “Insights into the Pathogenesis, Virulence Factors, and Diagnosis of *Helicobacter pylori*: A Comprehensive Review”**

- Published in American Journal of Bioscience and Bioinformatics “International” (09/2023)
- 17. **“The Immunological Significance of Medicinal Plants in Disease Control and Prevention in Humans”**
 - Published in Al-Salam Journal for Medical Science “Local Journal” (07/2023)
- 18. **“Immunological Approaches for Diagnosis and Treatment of Kidney Failure: A Systematic Review”**
 - Published in International Journal of Pharmaceutical and Bio-Medical Science “International” (07/2023)
- 19. **“Immunological Insights into Rheumatoid Arthritis: A Comprehensive Review of Diagnosis and Assessment Approaches”**
 - Published in African Journal of Advanced Pure and Applied Sciences “International” (07/2023)
- 20. **“The Relationship between Renal Impairment and Specific Laboratory Markers: A Comprehensive Investigation Focusing on Athletes”**
 - Published in Journal for ReAttach Therapy and Developmental Diversities “Scopus” (07/2023)
- 21. **“Reversed Phase HPLC Determination Of Total Homocysteine, Cysteine, Cysteinyl Glycine, Glutathione In Plasma Of Epileptic Patients”**
 - Published in The American Journal of Medical Sciences and Pharmaceutical Research “International” (07/2023)
- 22. **“Correlation between H. pylori infection and serum levels of inflammatory markers: A retrospective study”**
 - Published in Al-Salam Journal for Medical Science “International” (07/2023)
- 23. **“The Environmental Reality of Desertification in Iraq / 2022: A Review Article”**
 - Published in Global Scientific Review “International” (07/2023)
- 24. **“Natural Reserves and Sustainable Development of AL-Tayeb Reserve/South Iraq: A Review Article”**
 - Published in Global Scientific Review “International” (06/2023)
- 25. **“An Evaluation of Laboratory Tests for COVID-19 Infection in Patients Residing in the Baghdad-Iraq”**
 - Published in International Journal of Chemical and Biochemical Science (IJCBS) “Scopus” (06/2023)
- 26. **“Assessment of selected Biochemical and immunological parameters after Treatment by Cosmetic Procedures”**
 - Published in Journal of Population Therapeutics & Clinical Pharmacology “Scopus Q3 + Clarivate” (03/2023)
- 27. **“Causal Relationship Between Rubella Virus Infections and Bad Obstetric History in Pregnant Women”**
 - Published in HIV Nursing “Scopus” (01/2023)
- 28. **“Epidemiology of thalassemia in Baghdad, Iraq: A Single-Center Experience”**
 - Published in Bulletin of National Institute of Health Sciences “Scopus” (06/2022)
- 29. **“Latent and reactivation Cytomegalovirus (CMV) infection can cause severe fetal sequelae despite pre-conceptional immunity.”**
 - Published in Bulletin of National Institute of Health Sciences “Scopus” (04/2022)
- 30. **“Prevalence of COVID-19 virus infection in asymptomatic volunteers in Baghdad city / Iraq during 2021”**
 - Published in International Journal of Health Sciences (IJHS) “Scopus”, (04/2022)
 - 1. Kazem, K. M., Hameed, O. R., Obaid, F. H., & Al-Karawi, A. S. (2025). Comprehensive Review of the Potential Use of Mesenchymal Stem Cells as an Advanced Methodology for Combating Drug Resistance by Bacteria. *Hammurabi Journal of Medical Sciences*, 2(4), 56-70.
 - 2. Alshammary, R. A., Alshammary, A. G., Hameed, W. M., & Al-Karawi, A. S. (2025). Multisystem effects of obesity: dysregulation of leptin, thyroid hormones, autoantibodies, immune and neurological responses. *The Egyptian Journal of Immunology*, 32(4), 101-109.
 - 3. Alshammary, R. A., Khadim, M. M., Al-Karawi, A. S., Kadhim, A. S., Ahmed, H. Y., Laftah, A. R., & Lippi, G. (2025). Biomarkers of Sepsis Severity: A Comparative

- Evaluation of Immunological and Biochemical Parameters. *Al-Anbar Medical Journal*, 21(4).
- 4. Shatti, Z. O., Ismail, G. A., Salman, J. A. S., & Al-Karawi, A. S. (2025). Antimicrobial Efficacy of Bacteriocin from *Leuconostoc mesenteroides* subsp. *cremoris* Against *Pseudomonas aeruginosa*. *Journal homepage: <http://iicta.org/journals/ijdne>*, 20(8), 1927-1934.
 - 5. Kadhim, A. S., & Al-Karawi, A. S. (2025). Role of Autoantibodies Against Self-Proteins, Mitochondrial Cellular Antigens, and Some Complement Proteins (C3 and C4) in Patients with Atherosclerosis. *Medical Journal of Babylon*, 22(2), 432-437.
 - 6. Kadhim, A. S., & Al-Karawi, A. S. (2025). Investigating the multifactorial correlation between obesity and rheumatoid arthritis: a study of immunological and biochemical markers. *Obesity Medicine*, 53, 100578.
 - 7. Al-Karawi, A. S., Kadhim, A. S., Mohammed, A. A., Alajeeli, F., & Lippi, G. (2024). The Impact of Spirulina Supplementation on Iraqi Obese Females: A Cohort Study. *Al-Mustansiriyah Journal of Science*, 35(4), 24-30.
 - 8. Kadhim, A. S., & Al-Karawi, A. S. (2024). Correlation Between Vitamin D3 Levels, Autoantibodies, and Antibody-Related Diseases in Patients with Hashimoto's Thyroiditis. *Turkish Journal of Immunology*, 12(3).
 - 9. Correlation of autoimmune response and immune system components in the progression of IgA nephropathy: A comparative study
 - 10. Alajeeli, F., Al-Karawi, A. S., Abid, F. M., Al-Kurwi, M., & Abdulla, M. (2024). Revealing the Urinary Microbiota in Prostate Cancer: a Comprehensive Review Unveiling Insights into Pathogenesis and Clinical Application. *al-Salam. J Med Sci*, 3, 45-54.
 - 11. Al-Karawi, A. S., Alajeeli, F. S., Kadhim, A. S., & Kazem, K. M. (2024). Transplantation Immunology: The Role of Microbiota in Organ Acceptance and Rejection. *Al-Razi University Journal for Medical Sciences*, 8(2).
 - 12. Al-Karawi, A. S., & Kadhim, A. S. (2024). Exploring the role of autoantibodies in Iraqi females with polycystic ovary syndrome. *J Adv Biotechnol Exp Ther*, 2024(7), 147-56.
 - 13. Abdullah Salim Al-Karawi, Ali Mahmoud Atoom, Safwan Mahmoud Al-Adwan, & Sofia Wasfi Adwan. (2023). Assessment of selected biochemical and immunological parameters after treatment by Cosmetic Procedures. *Journal of Population Therapeutics and Clinical Pharmacology*, 30(2), 201-213. <https://doi.org/10.47750/jptcp.2023.1099>
 - 14. Al-Karawi, A. S., Alawssi, Y. F., & Khadhum, M. K. (2023). Immunological Insights into Rheumatoid Arthritis: A Comprehensive Review of Diagnosis and Assessment Approaches. *African Journal of Advanced Pure and Applied Sciences (AJAPAS)*, 151-159.
 - 15. Al-Karawi, A. S., Khadhum, M. K., & Alawssi, Y. F. (2023). Immunological Approaches for Diagnosis and Treatment of Kidney Failure: A Systematic Review.
 - 16. Alajeeli, F. S., Al-Karawi, A. S., & Ali, M. M. (2023). The Immunological Significance of Medicinal Plants in Disease Control and Prevention in Humans. *Al-Salam Journal for Medical Science*, 2(2), 13-19.
 - 17. Abid, F. M., Al-Ajeeli, F. S., Al-Karawi, A. S., & Rasool, K. H. (2023). Reversed phase HPLC determination of total homocysteine, cysteine, cysteinyl glycine, glutathione in plasma of epileptic patients. *The American Journal of Medical Sciences and Pharmaceutical Research*, 5(07), 34-45.
 - 18. Al-Karawi, A. S., Kadhim, A. A., & Kadum, M. M. (2023). Recent advances in tuberculosis: A comprehensive review of emerging trends in pathogenesis, diagnostics, treatment, and prevention. *International Journal of Clinical Biochemistry and Research*, 10(4), 262-269.
 - 19. Mohammed, M., Al-Saadi, M. S., & Al-Karawi, A. S. (2023). An examination of the seroprevalence of torch infections and their correlation with adverse reproductive outcomes in females exhibiting a bad obstetric history. *Indian Journal of Microbiology Research*, 10(4), 209-215.
 - 20. Kready, H. O., Mohammed, M., Salem, M., & Al-Karwi, A. S. (2023). Screening and diagnosis of beta-thalassemia depending on hba2 and blood film in baghdad city. *World*, 2(6).

- 21. Кадхим, А. С., & Ал-Карави, А. С. (2023). Insights into the Pathogenesis, Virulence Factors, and Diagnosis of Helicobacter pylori: A Comprehensive Review. in Library, 1(2), 31-37.
- 22. Al-Karawi, A. S., Abdullah, A. M., Abdulraziq, M. S., Alubadi, A. E., Ajmi, R. N., & Ati, E. M. (2023). The Environmental Reality of Desertification in Iraq/2022: A Review Article. JournalNX, 9(6), 226-234.
- 23. Al-Karawi, A. S., Rasool, K. H., Atoom, A. M., & Kadhim, A. S. (2023). Correlation between H. pylori infection and serum levels of inflammatory markers: A retrospective study. Al-Salam Journal for Medical Science, 2(2), 20-4.
- 24. Asaad, L. A., Al-Shimary, A. A., AL-Azzawi, M. A., Al-Karawi, A. S., & Rasool, K. H. (2023). The relationship between renal impairment and specific laboratory markers: a comprehensive investigation focusing on athletes. J Reatt Ther Dev Divers, 6(8), 452-458.
- 25. Abdullah, A. M., Al-Karawi, A. S., Aswad, O. A. K., Alubadi, A. E., Ati, E. M., & Ajmi, R. N. (2023). Natural Reserves and Sustainable Development of AL-Tayeb Reserve/South Iraq: A Review Article. Global Scientific Review, 16, 29-37.
- 26. Mohammed, M., Al-Saadi, M., Kreed, H. O., Al-Jindeel, T. J., & Al-Karawi, A. S. (2023). Causal Relationship Between Rubella Virus Infections and Bad Obstetric History in Pregnant Women. HIV Nursing, 23(2), 005-011.
- 27. Mohammed, M., Mousa, D., Al-Jindeel, T. J. H., & Al-Karawi, S. (2022). Latent and reactivation Cytomegalovirus (CMV) infection can cause severe fetal sequelae despite pre-conceptional immunity. Bull Natl Inst Health Sci, 140(01), 1045.
- 28. Al-Jindeel, T. J., Al-Karawi, A. S., Kready, H. O., & Mohammed, M. (2021). Prevalence of COVID-19 virus infection in asymptomatic volunteers in Baghdad city/Iraq during 2021. International journal of health sciences, 6(S2), 5524-5530.
- 29. Kadhim, A. S., & Al-Karawi, A. S. A. (2023). Clinical study on the association between bacterial infection and inflammatory cytokines in the wounds of burn injury patients. Proceedings.
- 30. Al-Jandeel, T. J., Al-Karawi, A. S., Abdulrazzaq, O. I., & Tareq, S. (2023). An Evaluation of Laboratory Tests for COVID-19 Infection in Patients Residing in the Baghdad-Iraq. International Journal of Chemical and Biochemical Sciences, 23(1).