

Eman Ali Mohamed Abdulwahed

Associate Professor, Department of Medical Laboratory Sciences

Contact Information

- **Address:** Tripoli, Libya
 - **Work:** Department of Medical Laboratory Sciences, Faculty of Medical Technology, University of Tripoli
 - **Mobile:** +218-91-149-4850
 - **Email:** E.Abdulwahed@uot.edu.ly
 - **ORCID:** [0000-0002-0570-4678](https://orcid.org/0000-0002-0570-4678)
 - **Scopus ID:** [57219122491](https://scopus.com/authid/detail.url?authorID=57219122491)
 - **Google Scholar:** [Link](#)
 - **ResearchGate:** [Link](#)
-

Professional Profile

A dedicated and highly accomplished Associate Professor with extensive experience in haematology, medical laboratory sciences, and clinical research. Proven ability to lead international clinical studies, supervise and mentor students, and contribute significantly to scientific literature through high-impact publications. Possesses a strong background in molecular biology techniques, data analysis, and academic administration. Seeking to leverage expertise in a challenging academic and research environment to advance medical science and education.

Education

- **Master of Science (MSc) in Pathological Sciences (Haematology)**
 - Sheffield Hallam University, Sheffield, United Kingdom (October 2010)
 - **Thesis:** *Analysis of ADAMTS-13 expression by brain endothelial cells: modulation by pro-inflammatory cytokines increased in stroke.* This research elucidated the mechanisms controlling ADAMTS-13 expression in brain endothelial cells, utilizing Real-Time PCR, immunocytochemistry, and Western blotting to analyze the effects of IL-1, TNF- α , and IL-6.
 - **Bachelor of Science (BSc) in Medical Laboratory Sciences**
 - Faculty of Medical Technology, University of Tripoli (formerly Al-fateh University), Tripoli, Libya (2004)
-

Academic & Professional Experience

University of Tripoli, Faculty of Medical Technology, Tripoli, Libya

- **Associate Professor**, Department of Medical Laboratory Sciences (October 2022 – Present)
 - Deliver comprehensive instruction in General and Diagnostic Haematology to undergraduate students.
 - Develop and update course curricula to reflect current industry standards and research advancements.
- **Head of Research and Consultation Department** (2021 – 2023)
 - Directed departmental research initiatives and managed consultation services.
 - Fostered a collaborative research environment and facilitated faculty research projects.
- **Lecturer**, Department of Medical Laboratory Sciences (October 2018 – October 2022)

- **Assistant Lecturer**, Department of Medical Laboratory Sciences (2012 – 2016)
 - Provided instruction in Haematology and contributed to teaching in Physiology (2016) and Immunohematology (2012).
 - **Research Assistant**, Department of Medical Laboratory Sciences (2005 – 2007)
 - Supported faculty research projects and assisted in laboratory management.
-

Research Experience & Leadership

- **Principal Investigator / Local Investigator**
 - Led and coordinated multiple international retrospective and prospective clinical trials at Tripoli Central Hospital.
 - Managed all phases of clinical research, including protocol development, ethics approval, patient recruitment, data collection via eCRFs (REDCap, Castor, OpenClinica), and patient follow-up.
- **Research Supervisor**
 - Supervise and mentor undergraduate students in the Department of Medical Laboratory Sciences for their final year research projects.
- **Academic Leadership**
 - Served as the academic leader for the sixth-semester medical laboratory sciences students since 2012, responsible for creating term-based teaching plans, organizing assessments, and coordinating examinations.
- **International Research Collaboration**
 - Actively participated in numerous international research collaborations, particularly during the COVID-19 pandemic. Contributed leadership and coordination expertise to interdisciplinary projects, resulting in publications in high-impact journals, including *The Lancet*.

- Responsibilities included facilitating ethical and institutional approvals, coordinating team activities, ensuring accurate data collection, and managing team member registration in Electronic Data Capture (EDC) systems.
 - Served as a member of the writing group for several international projects, including contributing to a systematic review and meta-analysis published in *The Lancet*.
-

Laboratory & Technical Skills

- **Molecular Biology:** Real-Time PCR, Western Blotting
 - **Cellular Analysis:** Immunocytochemistry, Manual and Automated Blood Cell Counts, Blood Film Preparation and Microscopic Examination (Normal and Abnormal Morphology)
 - **Haematology:** Coagulation Testing
 - **Data Management & Analysis:** REDCap, Castor, OpenClinica, SPSS, Comprehensive Meta-Analysis (CMA), STATA, Epi-Info
 - **Software:** EndNote, Microsoft Office Suite (Excel, PowerPoint, Word)
-

Awards & Distinctions

- **Certificate of Excellence in Training**, Haematology Lab, University of Tripoli (2008)
- **Postgraduate Scholarship**, Awarded by the Libyan Ministry of Higher Education to pursue an MSc at Sheffield Hallam University, UK (2006)
- **Certificate of Thanks & Appreciation**, Medical Laboratory Department, University of Tripoli (2005)

Certifications & Training

- **Molecular Biology and Real-Time PCR Techniques**, (2023)
 - **Simplified Statistics in the Medical Field using SPSS**, (2021)
 - **Introduction to the Principles and Practice of Clinical Research**, National Institutes of Health (NIH), (2019-2020)
 - **Introduction to Health Care Improvement**, Institute for Health Improvement (IHI), (2020)
 - **Clinical Training**, Medical Hematology Lab, Tripoli Central Hospital, (2012-2016)
 - **Clinical Training**, Hematology & Blood Bank, Tripoli University Hospital, (2005-2007)
 - **Clinical Training**, Hematology & Blood Bank, Abosleem Trauma Hospital, (2003-2004)
-

Publications

(For a complete list, please refer to the provided Scopus and Google Scholar profiles)

Selected Peer-Reviewed Journal Articles (Indexed in PubMed & Scopus)

- Macpherson, K.J., Motos, A.A., Mosca, V., ...**Abdulwahed, E.**, et al. (2024). Postoperative anaemia increases unplanned readmission: an international prospective cohort study of patients undergoing major abdominal surgery. *British Journal of Surgery*, 111(7).
- Torborg, A., ...**Abdulwahed, E.** (Principle Investigator), et al. (2024). Outcomes after surgery for children in Africa (ASOS-Paeds): a 14-day prospective observational cohort study. *The Lancet*, 403(10435), 1482-1492.
- TASMAN Collaborative, ...**Abdulwahed, E.** (Leader), et al. (2024). Patterns of opioid use after surgical discharge: a multicentre, prospective cohort study in 25 countries. *Anaesthesia*.
- Raasveld, S.J., ...**Abdulwahed, E.** (Leader), et al. (2023). Red blood cell transfusion in the intensive care unit. *JAMA*, 330(19), 1852-1861.

- Atia, A., & **Abdulwahed, E.** (2023). Perspective of Undergraduate Health-care Students on Adverse Drug Reaction and Pharmacovigilance. *Biomedical and Biotechnology Research Journal*, 7(4), 577-581.
- Global Health Research Group, ...**Abdulwahed, E.** (Principle Investigator), et al. (2022). Impact of the COVID-19 pandemic on patients with paediatric cancer in low-income, middle-income and high-income countries: a multicentre, international, observational cohort study. *BMJ Open*.
- COVIDSurg Collaborative, ...**Abdulwahed, E.** (Principle Investigator), et al. (2021). Effect of COVID-19 pandemic lockdowns on planned cancer surgery for 15 tumour types in 61 countries: an international, prospective, cohort study. *The Lancet Oncology*.

Book Chapter

- Elhadi, M., **Abdulwahed, E.A.**, & Alsaedi, S.A. (2024). Suicidal behavior in Libya. In *Suicidal Behavior in Muslim Majority Countries: Epidemiology, Risk Factors, and Prevention* (pp. 153-169). Springer Nature Singapore.
-

Conference Presentations

- **Virtual Conference: COVID-19 Studies from Libyan Prospects (CSLP)**
 - *Impact of COVID-19 on Medical Laboratory Workers: A Cross-Sectional Study.*
 - *Impact of COVID-19 on Libyan Family's Life.*
-

References

Available upon request.