

AHMED SEAID MIKAEL

Medical Researcher | Biomedical Sciences Graduate Candidate | Meta-Analysis Academy Ambassador

ahmedradology@gmail.com | +218 911 032 748 | bengazi, Libya



PROFESSIONAL SUMMARY

A dual-qualified clinician-researcher holding a Bachelor of Dental Surgery (BDS) and a Bachelor of Medical Technology (Clinical Laboratory Sciences), currently advancing a Master's degree in Biomedical Sciences with a deep specialization in systematic review and meta-analysis methodology. Appointed Ambassador at the Meta-Analysis Academy under the direct mentorship of Dr. Rhanderson Cardoso (Assistant Professor, Harvard Medical School), reflecting internationally recognized leadership in evidence synthesis. Published author of five peer-reviewed articles spanning cardiovascular medicine, cardio-oncology, and oral-maxillofacial research, with accepted presentations at ESMO 2025 (Berlin) and the FDI World Dental Congress 2024 (Istanbul) — and two abstracts accepted for ESMO 2026. Driven to advance translational clinical research by bridging rigorous evidence-based methodologies with meaningful real-world patient outcomes.

PROFESSIONAL EXPERIENCE

Research Fellow · Libyan International University

- Lead and contribute to multi-disciplinary research projects within an academic institutional setting, producing evidence-based outputs aligned with current clinical and biomedical priorities.
- Design and execute systematic review protocols, perform data extraction and synthesis, and apply meta-analytic techniques to generate clinically meaningful findings.
- Mentor junior researchers in research methodology, critical appraisal, and scientific writing, fostering a rigorous evidence-based research culture within the university.

Peer Reviewer · Libyan Journal of Medical Research (LJMR)

- Served as an invited peer reviewer for the Libyan Journal of Medical Research, critically evaluating submitted manuscripts for scientific rigour, methodological validity, and clinical relevance across biomedical and dental research domains.
- Provided structured, constructive reviewer reports to editorial teams, upholding the journal's quality assurance standards and the integrity of published science.
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Evidence-Based Medicine Collaborator · International Association for Dental Research (IADR)

- Partnered with IADR as a recognized EBM collaborator, contributing to initiatives that promote evidence-based clinical guidelines and translational research in oral health.
- Supported IADR-affiliated research activities, knowledge dissemination, and the development of evidence-based resources for dental practitioners across the region.

Dental Clinician · 2020 Dental Clinic

- Delivered comprehensive dental care to a diverse patient population, performing diagnostic assessments, restorative procedures, and oral health counselling.
- Applied clinical evidence-based decision-making to case management, reinforcing the integration of research knowledge into day-to-day patient care.

Medical Researcher / Technician · Siran Company

- Executed clinical laboratory procedures in support of diagnostic and applied medical research operations.
- Collaborated cross-functionally with clinical and research teams to uphold quality standards in specimen processing and data integrity.
- Demonstrated sustained precision and composure across high-volume, time-sensitive laboratory environments.

Emergency Medical Volunteer · Libyan Red Crescent Society

Derna Flood Response

- Deployed as a frontline medical volunteer during the Derna flood disaster, delivering urgent patient care and triage support under emergency mass-casualty conditions.
- Coordinated with interdisciplinary relief teams to manage medical supply logistics and ensure continuity of patient care for displaced communities.

PEER-REVIEWED PUBLICATIONS

Cardiovascular & Medical Research

- Mikael AS, et al. The Prognostic Value of High-Sensitivity Cardiac Troponin in Stable Coronary Artery Disease: A Systematic Review and Meta-Analysis.
Libyan Journal of Medical Research (LJMR), 2025; 19(2): 338–348.
- Mikael AS, et al. Incessant Ventricular Tachycardia and Multi-Organ Failure After Inferior STEMI Due to Right Coronary Artery Occlusion.
Libyan Journal of Medical Research (LJMR), 2025; 19(1).

Dental & Oral Health Research

- Mikael AS, et al. The Effectiveness of Autologous Platelet-Rich Fibrin (PRF) in Enhancing Nerve Regeneration Following Mandibular Third Molar Surgery: A Meta-Analysis of Randomized Controlled Trials.
Libyan Journal of Medical Research (LJMR), 2025; 19(2): 289–299.
- Mikael AS, et al. Histopathological Analysis of an Asymptomatic Huge Radicular Cyst: Contributory Factors and Unique Features in an Adult Libyan Patient.
Libyan Journal of Medical Research (LJMR), 2026; 20(1): 133–138.
- Mikael AS, et al. Failure of Antibiotic Therapy in a Chronic Carious Tooth with Purulent Discharge: Case Report of Successful Outcome Post-Extraction.
Libyan Journal of Medical Research (LJMR), 2025; 19(2).

INTERNATIONAL CONFERENCE PRESENTATIONS & ABSTRACTS

ESMO 2026 · European Society for Medical Oncology Annual Congress · **Upcoming — 2 Abstracts Accepted**

- Two research abstracts accepted for presentation at ESMO 2026, extending the body of work in oncology and translational clinical research.

ESMO 2025 (Berlin) · E-Poster Presentation · Abstract ID: 1587eP

- Enhancing Immunotherapy Outcomes in Melanoma Patients via Microbiota Modulation: A Systematic Review and Meta-Analysis.

FDI World Dental Congress 2024 (Istanbul) · Oral & Poster Presentation · Abstract ID: 0462

- Exploring Health Advice Predictors Among Libyan Dental Graduates.

1st Libyan International Conference of Oral & Maxillofacial Surgery · Clinical Case Presentation

- Surgical Removal of Odontoma in a 15-Year-Old Patient in Al-Bayda City.

CORE COMPETENCIES & SKILLS

Research & Evidence Synthesis

- Systematic Review Design, Protocol Registration, and PRISMA-adherent Reporting
- Meta-Analysis: Fixed-Effect, Random-Effects, and Subgroup Analyses
- Critical Appraisal of RCTs, Cohort Studies, and Observational Research
- Scientific Manuscript Writing, Peer-Review Process Navigation, and Journal Submission
- Statistical Analysis and Interpretation for Clinical Research Outcomes

Clinical & Technical

- Dental Surgery Procedures, Oral Diagnosis, and Patient Management (BDS)
- Clinical Laboratory Diagnostics, Specimen Analysis, and Quality Control
- Emergency Medical Response, Patient Triage, and Humanitarian Care Delivery

Professional & Interpersonal

- High-Performance Teamwork and Cross-Disciplinary Collaboration — Advanced
- Analytical and Critical Thinking — Intermediate
- Resilience and Composure Under Pressure — Advanced
- Rapid Knowledge Acquisition and Adaptive Learning — Advanced

EDUCATION

Master of Science — Biomedical Sciences

In Progress

Specialization: Evidence-Based Medicine, Systematic Review & Meta-Analysis Methodology

Bachelor of Dental Surgery (BDS)

Bachelor of Medical Technology — Clinical Laboratory Sciences

CERTIFICATIONS, MEMBERSHIPS & PROFESSIONAL DEVELOPMENT

Professional Memberships & Ambassadorship

- Ambassador, Meta-Analysis Academy — under the mentorship of Dr. Rhanderson Cardoso, Assistant Professor, Harvard Medical School
- Member, International Association for Dental Research (IADR)

WHO Training Certificates

- COVID-19 Response and Clinical Management
- Ebola Virus Disease Management and Infection Prevention
- Meningitis Surveillance and Outbreak Control

Continuing Education & Professional Courses

- Systematic Review & Meta-Analysis — Meta-Analysis Academy
- Research Ethics: Responsible Research Involving Human Subjects — KU Leuven (2022)
- Artificial Intelligence in Healthcare: ChatGPT Applications — edX (2023)
- International Dental Exchange Congress (IDEC) — June 2024

AWARDS & RECOGNITION

- First Place — Scientific Excellence Competition, Medical Sciences Category
- ambassador, Meta-Analysis Academy
- collaborator and member with IADR
- Selected International Presenter — FDI World Dental Congress, Istanbul 2024
- Selected E-Poster Presenter — ESMO Annual Congress, Berlin 2025
- Two Abstracts Accepted — ESMO 2026 (forthcoming)
- Presenter in MENA2025 , MENA2026
- Presenter in LICOMS2025
- Presenter in FDI2024

LANGUAGES

Arabic — Native/Fluent | **English** — Advanced (Professional Proficiency) | **German** — Elementary