

# Dr. Sabir Awad Mustafa Mohammedzein

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Consultant of Medical Microbiology and Infectious Diseases

Laboratory and Blood Bank Director at Wadi Aldawasir General Hospital

Assistant Professor (Collaborator) at University of Kordofan

Email: [research@sabir.blog](mailto:research@sabir.blog) - [sabirawad1@gmail.com](mailto:sabirawad1@gmail.com)

LinkedIn: <https://www.linkedin.com/in/drsabir553778299/>

ORCID: <https://orcid.org/0000-0001-6766-0562>

Google Scholar: <https://scholar.google.com/citations?user=9iTgUEsAAAAJ&hl=en>

## Professional Summary

I am a medical professional with over 10 years of experience in clinical microbiology, infectious diseases, and laboratory management. Extensive expertise in diagnostic microbiology, antimicrobial stewardship, and infection prevention. Proven leadership in directing laboratory and blood bank operations, and academic experience in teaching and mentoring at the university level. Focused on healthcare improvement and innovation in patient safety and public health.

## Professional Experience

- Consultant of Medical Microbiology and Infectious Diseases – Wadi Aldawasir General Hospital (October 2015 – Present)
- Laboratory and Blood Bank Director – Wadi Aldawasir General Hospital (January 2015 – Present)
- Assistant Director of Academic Affairs, Training and Continuing Education – Wadi Aldawasir General Hospital (January 2022 – Present)
- Assistant Professor – University of Kordofan (January 2015 – Present)
- Head of Microbiology and Virology Department – Wadi Aldawasir General Hospital (January 2016 – Present)
- Infection Control Director – Wadi Aldawasir Hospital (October 2015 – February 2016)
- Clinical Microbiologist and Infection Control Director – Omdurman Military Hospital, Sudan (March 2015 – June 2015)
- Registrar of Clinical Microbiology – National Public Health Laboratory, Sudan (January 2010 – April 2013)

## Education

- Doctor of Medicine (MD) in Clinical Microbiology – Sudan Medical Specialization Board (2009 – 2013)
- MSc in Tropical Medicine and Infectious Diseases – University of Medical Sciences and Technology (2009 – 2012)
- Diploma in Family Medicine – University of Medical Sciences and Technology (2009)
- Diploma in Infectious Diseases – Royal College of Physicians, Ireland (Date Not Specified)
- Bachelor's degree in medicine – University of Kordofan (1996 – 2002)

## Certifications and Training Courses

- Excellence in Managerial Leadership – Alameed Training Center, 2022
- Hazardous Waste Management in Health Care Facilities – Blue Nile Training Center, 2021
- Quality and Accreditation Standards in Health Care Facilities – Blue Nile Training Center, 2021
- Quality Control and Patient Safety in Health Care Facilities – Blue Nile Training Center, 2021
- Professional Training of Trainers – Elnam for Engineering Training and Human Development Center, 2021
- Professional Training of Trainers – Sudan University of Science and Technology, 2021
- Quality and Risk Assessment in Health Care Facilities – Blue Nile Training Center, 2022
- Clinical Laboratory Quality Course – Aviation Quality Doctors, Virtual, 2022
- Peripheral Blood Morphology Crash Course – Saudi Society for Blood Disorders, Virtual, 2021
- COVID-19 Vaccination Training for Health Workers – WHO, Virtual, 2020
- COVID-19 Contact Tracing – Johns Hopkins University, Virtual, 2020
- COVID-19 Course – Area9 Lyceum, Virtual, 2020
- How to Write a Case Report in 5 Steps – Virtual Medical Academy, Virtual, 2020
- Basic Course on Mechanical Ventilation – Virtual Medical Academy, Virtual, 2020
- COVID-19 Course – AACC Learning Lab on NEJM Knowledge, Virtual, 2020
- Prevention of Medical Errors – Virtual Medical Academy, Virtual, 2019
- Introduction to Infection Control – Virtual Medical Academy, Virtual, 2019
- Protecting Human Research Participants – NIH Office of Extramural Research, Virtual, 2016
- Bacterial and Chronic Infections – University of Copenhagen, Virtual, 2016
- Preventing Zika Virus – London School of Tropical Medicine and Hygiene, Virtual, 2016
- Ebola Essential Knowledge – University of Amsterdam, Virtual, 2016
- Maintaining Excellence in Molecular Biology Quality Control – Sudan, January 2025
- Mini master's in molecular biology – London Academy, January 6–24, 2025
- Theoretical Insights in Fundamental Molecular Biology – Alroia Alsabaa, January 2025

- Financial Expert Badge – Misk Skills, November 2024
- Career Success in the Workplace – Misk Skills, September 2024
- Funding Hacks for Researchers – Researcher Academy, June 5, 2025

## **Publications**

- Epidemiology, risk factors and antimicrobial profile of Vulvovaginal Candidiasis (VVC)
- A Study at Wadi Aldawasir General Hospital: Using Antibigrams to Prevent Healthcare-Associated Infections
- High Prevalence and Antibigram Pattern of ESBL-producing E. coli and K. pneumoniae.
- Prevalence of BCG Scar and Correlation with Mantoux Skin Test in Omdawanban Area, Sudan

## **Skills**

- Quality Assurance
- Quality Control
- Quality Management
- Laboratory Accreditation
- Microbiological Diagnostics
- Infection Prevention
- Medical Education
- Research Supervision
- Public Health Policy

## **Languages**

- Arabic: Native or Bilingual
- English: Professional Working Proficiency