

Dr. Amr Hassan Mahran Aly

**Senior Consultant Microbiologist | Senior Food Safety & Quality
Control Consultant**



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Professional Summary

Highly accomplished Senior Consultant Microbiologist with a PhD in Veterinary Medical Sciences (Microbiology) and more than 20 years of distinguished experience in food safety management, microbiological analysis, laboratory quality systems, HACCP implementation, and executive food security operations within sovereign governmental institutions.

Extensive expertise in supervising and managing food safety operations for the Presidency of the Arab Republic of Egypt, including microbiological monitoring, contamination prevention, food inspection, and executive-level food security protocols for the President of Egypt, royal delegations, ambassadors, and international dignitaries during official visits both domestically and abroad.

Demonstrated proficiency in HACCP, ISO 22000, ISO/IEC 17025 laboratory quality systems, food microbiology, hygiene auditing, dairy and meat processing quality assurance, infection control, laboratory accreditation standards, and executive hospitality food safety operations.

Education

- **PhD: Doctor of Philosophy in Veterinary Medical Sciences (Microbiology)**, Cairo University (2019)
- **MSc: Master of Science in Microbiology**, Cairo University (2015)
- **BSc: Bachelor of Veterinary Medical Sciences**, Cairo University (2005)

Professional Experience

Head of Procurement & Supply Chain | National Company for Fisheries and Aquaculture 2026 – Present

- Direct procurement operations and strategic supply chain activities.
- Ensure supplier compliance with food safety regulations and quality assurance standards.
- Lead procurement planning and operational efficiency initiatives.

Head of Veterinary Department | Republican Guard Command – Presidency of the Republic 2020–2026

- Supervised veterinary healthcare services and operational support activities.
- Coordinated multidisciplinary teams while maintaining strict biosecurity procedures.

Deputy Manager of Food Safety Department & Laboratories | Presidency
of the Arab Republic of Egypt

2017 – 2020

- Managed food safety and laboratory operations for presidential facilities.
- Conducted microbiological testing and food safety inspections.
- Implemented HACCP systems and contamination prevention programs.
- Led food hygiene audits, sanitation monitoring, and regulatory compliance activities.
- Coordinated food safety operations during presidential events and diplomatic functions.

Executive Food Security Operations:

Responsible for food safety monitoring and executive food security assurance for:

- The President of the Arab Republic of Egypt
- Kings, princes, ambassadors, and international delegations
- Official presidential missions and international visits within and outside Egypt

Veterinary Department Head – Food Inspection & Safety | El-Galaa
Medical Complex Hospital, Egyptian Armed Forces

2015

- Supervised food inspection and food safety monitoring operations.
- Conducted hygiene inspections and monitored sanitation and food handling procedures.

Poultry Farm Manager (Layers) | Integrated Egg Production
Complex – National Service Projects Organization, Egyptian Armed Forces

2008 – 2014

- Managed poultry production operations and biosecurity systems.
- Oversaw budgeting, production workflows, and operational performance.

Operations & Production Team Leader | Fish Production Farm – Veterinary
Services Department, Egyptian Armed Forces

2006 – 2008

- Led fish production teams to achieve high-quality operational outcomes.
- Managed aquaculture logistics and veterinary health supervision.

Research Publication

Title: “Pseudomonas Species Isolated from Camel Meat: Quorum Sensing-Dependent Virulence, Biofilm Formation and Antibiotic Resistance”

Journal: Future Microbiology | Published April 18, 2019

- Conducted molecular research utilizing PCR and Vitek systems for identifying multidrug-resistant pathogens, contributing to enhanced global food safety protocols.

Licenses & Certifications

- Senior Consultant (Microbiology) – Ministry of Public Health & Egyptian Veterinary Syndicate
- Consultant Registration No.: 10312547
- Quality Control, Metrology, and Environmental Assurance Course – Armed Forces Armament Authority

Technical Skills

Food Safety & Quality Systems

- HACCP Implementation & Verification
- ISO 22000 Food Safety Systems

- ISO/IEC 17025 Laboratory Compliance
- Food Hygiene Inspection & Auditing
- Food Safety Risk Assessment
- SOP Development & Documentation Control
- Food Quality Assurance & Quality Control
- GMP / GHP Compliance Systems
- Infection Control & Biosecurity
- Dairy & Meat Processing Safety

Laboratory & Microbiology

- Food & Water Microbiological Testing
- PCR & Molecular Diagnostics
- Foodborne Pathogen Identification
- Laboratory Quality Assurance Systems
- Contamination Analysis & Prevention
- Food Microbiology & Laboratory Analysis

Soft Skills

- Executive Leadership in Multidisciplinary Environments
- Strategic & Operational Decision-Making
- Crisis Management in High-Stakes Situations
- Stakeholder Engagement & Communication
- Negotiation & Relationship Management
- Cross-Sector Adaptability (Veterinary, Government, Procurement, Agriculture)
- Process Optimization & Efficiency Mindset
- High-Level Organizational Discipline
- Performance Under Pressure
- Confidential Records Handling & Compliance Systems
- Organizational Workflow Coordination

Languages

- **Arabic:** Native
- **English:** Full Professional Proficiency