# **CURRICULUM VITAE**

# **Personal Data:**



Name	: Samia Abdou Girgis Younan				
Title	: Professor Doctor				
	Ambassador of Good Will, International Council for the Arab Human Rights				
Position	: • Professor of Clinical Pathology Department in Clinical Microbiology Unit,				
	Faculty of Medicine, Ain Shams University.				
	Head of Clinical Microbiology Unit, Clinical Pathology Department      (20.15100.2012)				
	<ul> <li>Assessor for Medical Laboratories Accreditation (ISO 15189:2012) by the Egyptian Accreditation Council (EGAC)</li> </ul>				
	Temos certified assessor for Temos International Healthcare Accreditation for				
	Medical Tourism				
	<ul> <li>Certified auditor in Centerior Middle East Regional Office of Centerior</li> </ul>				
	International Services (ISO 9001)				
	Board Member of the National Committee for Bio hazardous Waste Management				
	• Member of the Board of Directors of the College of Nursing, Ain Shams University				
University	: Faculty of Medicine, Ain Shams University,				
hospital address	Abbassia Sq., Cairo, Egypt				
Home Address	: 105, Shoubra St., 11231, Cairo, Egypt				
Home Telephone	: (+202) 22044727				
Date of birth	: June 14, 1968				
Place of birth	: Cairo, Egypt				
Language	: Arabic (Mother tongue), English (Excellent), French (Good), German (Fair)				
Sex	: Female				
Nationality	: Egyptian				
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Google Scholar	: Citations: 571				
6	h-index: 12				
	i10-index: 15				
Scopus Author ID	: 55340272600				
	h-index: 7				

# **Education:**

October 2023 – till present	Studying Masters of Business Administration (MBA), The Arab Academy Fo Management, Banking and Financial Sciences, Arab Universities Union			
January 2020- 2021	The International Fellowship in Medical Education (IFME), Foundation for Advancement of International Medical Education and Research (FAIMER), Philadelphia, USA.			
October 2019- June 2020	Quality management and patient safety certificate program, Joint Commission International (JCI) in collaboration with Children Cancer Hospital 57357			
November 2018	Fellow of infection prevention and control in University of Louisville, Kentucky, USA in November			
2007-2008	: French and medical French courses in the cultural French Center in Egypt and in Touraine institute in France			
2005-till 2007	: Diploma in Total Quality Management (TQM) for Healthcare Reform School of Business, Economics and Communication, Institute of Quality Management, The American University in Cairo			
2005 -2006	: Diploma in Global Strategy in Hospital Hygiene and Infection Control Université Claude Bernard Lyon 1, France.			
April 2001	: Doctorate degree in Clinical and Chemical Pathology (specialty Microbiology), Faculty of Medicine, Ain Shams University			
July 1997	: Ain Shams University English Language Proficiency test			
May 1996	: Master's degree in Clinical and Chemical Pathology, Faculty of Medicine, Ain Shams University, (very good)			
December. 1991	: M.B.,B.Ch of Internal Medicine & Surgery, Faculty of Medicine, Ain Shams University, (very good)			

# Administrative Positions:

January 1, 2025 – present	:	Head of Clinical Microbiology Unit, Clinical Pathology Department
July 1, 2023 June 30, 2025	•	Consultant of the President of Universal procurement and Health Technology Assessment Authority (UPA) for technical support and governance.
July 13, 2016 – August 31, 2023	:	Deputy manager of the Executive Manager of Ain Shams University Hospitals
March 30, 2014 – August 31, 2023	:	Manager of the Infection Control Unit of Ain Shams University Hospitals
May 2015 – August 31, 2023	:	Technical supervisor of the Insect and Rodent Control Committee, Ain Shams University Hospitals.
October 15, 2012 – November 30, 2013	:	Technical supervisor of Infection Control Unit of Ain Shams University Specialized Hospital
August and September, 2008	:	Deputy manager of Ain Shams University Specialized Hospital Laboratories
<b>Academic Positions:</b>		
October, 2015 till present	:	Professor of Clinical and Chemical Pathology, Microbiology Unit, Faculty of Medicine, Ain Shams University
March 2007 till October, 2015	•	Assistant Professor of Clinical and Chemical Pathology, Microbiology Unit, Faculty of Medicine, Ain Shams University
August 2001 - March 2007	:	Lecturer of Clinical and Chemical Pathology, Faculty of Medicine, Ain Shams University

July 2001-August 2001	: Assistant Lecturer of Clinical and Chemical Pathology, Faculty of Medicine, Ain Shams University
July 1997 – July 2001	: Demonstrator of Clinical and Chemical Pathology, Faculty of Medicine, Ain Shams University
October 1993 -October 1996	: Resident Doctor of Clinical and Chemical Pathology, Faculty of Medicine, Ain Shams University
March 1993-October 1993	: General Practitioner in primary health care unit at Ministry of Health
March 1992-February 1993	: House officer at Ain Shams University Hospitals, Faculty of Medicine, Ain Shams University
Adjunct Posts:	
August 20223 – till present	Certified assessor for Temos International Healthcare Accreditation for Medical Tourism
July 1, 2023 – till present	Consultant of the President of Universal procurement and Health Technology Assessment Authority (UPA) for technical support and governance.
September 1, 2020 – till August 31, 2022	Consultant of the executive manager of the Universal Health Insurance Authority (UHIA)
August 2012 till present	Assessor for Medical Laboratories Accreditation (ISO 15189:2012) by the Egyptian Accreditation Council (EGAC)
June 2011 till present	: Third party certified auditor for ISO 9001:2012 quality management system and Hospital accreditation, in the Centerior Middle East Regional Office of Centerior International Services, the complete house for accreditation, certification, standards and specifications. Business improvement solutions and

# Memberships, Affiliations and Licensure:

• Founding board member of the Egyptian Association for Healthcare Systems Management 2023

training. Clearwater, Florida, USA.

clinical microbiology and parasitology

Head and founder of Microbiology and Parasitology Units of ElShams Mega

lab with 66 branches and first lab to be medically accredited for ISO 15189 in

Trainer in the WHO HIV Awareness Program for different Company

Visitor lecturer for Lab physicians, Lab technicians and general practitioners in

Internal auditor in Ain Shams University Specialized Hospital

the ministry of health national training center (NTI)

• European Society of Clinical Microbiology and Infectious Diseases (ESCMID)

employees

- American Society for Microbiology (ASM)
- Board Member of The Society for Practitioners of Infection Control (SPIC Egypt)
- Egyptian Society of Laboratory Medicine
- Egyptian Society of Hematology
- Egyptian Society of Quality

January 2013 till December

November 2008 till November

October 2008 till present

January 2007 till present

2018

2010

- Occupational Safety and Health Administration of the United States of America (OSHA)
- The Egyptian Medical Doctor's League, Cairo, Egypt
- License for Medical Practice, Cairo, Egypt

# **Professional Experience**

# 1. Teaching and training:

- Clinical microbiology, parasitology, infection control, quality management (in English and Arabic languages) medical, dental, nursing and technologist students and to postgraduate residents. Experience covers descriptive-based, system-based, problem-based learning strategies and practical experience.
- Coordinator of professional infection control diploma for postgraduate students from Faculty of Medicine, Dentists and nursing.
- Training of infection control, quality and clinical pathology: moderator of training courses in Ain Shams University, Faculty of Medicine and private companies inside and outside Egypt.

#### 2. Research:

- **Domains of interest:** clinical microbiology, infection prevention and control, infectious diseases, molecular biology, vaccination, public health, medical education.
- **Technical expertise:** Clinical microbiology, parasitology, infection prevention and control, total quality management for healthcare, international and national accreditation for medical labs, hospitals and medical education.
- Google scholar: h-index: 12 i10-index: 15
- Scopus h-index: 6

### 3. National and international accreditation:

- **Gahar national accreditation:** implementation and accreditation of 10 hospitals of Ain Shams University Hospitals by GAHAR accreditation.
- **Temos international accreditation:** implementation and accreditation of two Egyptian hospitals by Temos accreditation for healthcare besides serving as a Temos assessor for hospitals abroad.
- **ISO 19189 for medical laboratories:** implementation and accreditation of lab accreditation in private labs and Ain Shams University Labs in addition to serving as an EGAC assessor for medical lab accreditation.
- **JCI accreditation:** obtained a professional JCI quality diploma.
- **ISO 9001 certification:** putting ISO 9001 into practice and serving as a lead auditor for an international third-party company.
- Infection prevention and control: For eleven years, I oversaw the infection control department at Ain Shams University Hospitals, teaching a large number of medical professionals, including doctors, nurses, staff, and employees, while adhering to national and international CDC and WHO criteria. Another is organizing a number of IPC orientation conferences and projects.

4. .

### 1. Projects and Achievements:

- 1. Being part of the management team of Ain Shams University Hospitals, Faculty of Medicine succeeded in:
  - a. Founded Mycology and tuberculosis excellence center in Ain Shams University Hospitals which opened in August 2023.
  - b. Building a strong brand being recognized by the Brand Finance for brand valuation consultancy and ranked as 45<sup>th</sup> among the Academic Medical Centers (AMC) all over the world in January 2023. The structure of an AMC offering patient treatment, medical research, and education. https://brandirectory.com/reports/amc-hospitals
  - c. Getting the first place among the Egyptian university hospitals in implementation of the infection control guidelines by the Supreme Council of Universities (SCU) and World Health Organization (WHO) in January 2023.

- d. Won the first place in the government excellence competition in dealing with COVID-19 pandemic in 2021.
- 2. Participating in the testing of WHO case definition protocol in Egypt Point Prevalence Survey from 14 August to 15 September, 2023.
- 3. Implementation of antimicrobial stewardship program in Ain Shams university Hospitals.
- 4. Author and chief editor of Antimicrobial Policy in Intensive Care Units, Central Unit of Infection Control and Central Unit of Intensive Care, ASUHs, 2014Principal coordinator of the Laboratory Safety and Biosecurity project: a multicenter project for capacity building of the university labs in collaboration with the Namru-3, 2012-2014.
- 5. Principal coordinator of the Diagnosis Capacity Building of Bacterial Zoonotic Disease Threats in Egypt project: a multicenter project for capacity building of the university labs in collaboration with the Namru-3, 2012-2014.
- 6. Principal investigator of the National Hospital Acquired Infection Surveillance Project: in collaboration with the Namru-3, 2009-till present.
- 7. Coordinator of the Microbiology Lab accreditation project: a project for capacity building and accreditation of the Microbiology lab of Ain Shams University according to ISO 15189, 2014.
- 8. Coordinator of the Clinical Microbiology Lab accreditation project: a project for capacity building and accreditation of the Clinical Chemistry lab of Ain Shams University according to ISO 15189, 2012.

# 2. Campaigns:

- 1. Organizing the annual WHO World Antibiotic Awareness Week Campaign in Ain Shams University Hospitals, Faculty of Medicine and nearby community September since 2019 till present.
  - 2. Organizing the annual WHO Patient Safety Day Campaign in Ain Shams University Hospitals, Faculty of Medicine and nearby community September since 2019 till present.
  - 3. Organizing a marathon for bicycle ride (Gobike) for Ain Shams University Hospitals, as a part of the Hand Hygiene Campaign of the Infection Control Unit of Ain Shams University Hospital, May 2018, 2017 and 2016.
  - 4. Organizing the annual WHO Hand Hygiene Campaign in Ain Shams University Hospitals, Faculty of Medicine and nearby community since 2014 till present.
  - 5. Joining the WHO campaign of Uniting the World against AIDS
  - 6. Joining the Infection Control Program on hand hygiene By NAMRU3 August 2005

# 3. Organization of conferences, training courses and workshops:

- Organization:
  - The first and second annual conference of the Egyptian Association for Healthcare Management Systems in collaboration with the 2<sup>nd</sup> annual conference of the Egyptian Association for Health Economics, The Egyptian Medical Societies, on 1-3 October, 2023.
  - GROUP TRAINING COURSE FOR AFRICAN COUNTRIES: Overcome the Impact of Neglected Tropical Diseases (NTDs) in Africa, following WHO guidelines. Organized by the Faculty of Medicine, Ain Shams University, in collaboration with Japan International Cooperation Agency (JICA) and the Egyptian Agency for Partnership for Development (EAPD), Ministry of Foreign Affairs during the periods from January 9<sup>th</sup> to February 2<sup>nd</sup>, 2023, January 31st to February 17<sup>th</sup>, 2022; July 1<sup>st</sup> to 25<sup>th</sup>, 2019 and April 15<sup>th</sup> to May 10<sup>th</sup> 2018.

- GROUP TRAINING COURSE FOR AFRICAN COUNTRIES: Bronchoscopy for Diagnosis of Tropical Lung Diseases. Organized by the Faculty of Medicine, Ain Shams University, in collaboration with Japan International Cooperation Agency (JICA) and the Egyptian Agency for Partnership for Development (EAPD), Ministry of Foreign Affairs, February 18, 2021

## • Infection Prevention and Control Workshops for Reducing Infection Risk for:

- Quality Management of Concurrent Infection Control of TB/HIV in Nile Basin Countries, in collaboration with The Suez Canal University, Japanese International Cooperation Association, The Egyptian Ministry of Foreign affairs. Annual from 2014 till present.
- Infectious Diseases: Clinical and Laboratory Diagnosis, in collaboration with The Suez Canal University, Japanese International Cooperation Association, The Egyptian Ministry of Foreign affairs. Annual from 2014 till present.
- Clinical Pharmacy Experiential Training Program for Faculty of Pharmacy, Misr International University 2016.
- Infection Control training programs for medical school students, internship physicians and hospital residents.
- Hand Hygiene The Best Vaccine, The Infection Control Unit, Ain Shams University Hospitals, May 25, 2016.
- We need healthy people, Infection control session, Annual conference of Faculty of Medicine, Ain Shams University, March 27, 2016.
- Training course for the healthcare professionals in the Municipality of Dubai, the UAE from 2009 till 2016.
- Pave your way for accreditation: Apply infection control, The sixth conference of Central Unit of Infection Control, Ain Shams University Hospitals and Society of Practitioners of Infection Control in Egypt (SPIC Egypt), December 19-21, 2015.
- Infection control era, Annual conference of Faculty of Medicine, Ain Shams University, 27/4/2015.
- The microbiology laboratory from design to report: A guide to service, The Microbiology Unit, Clinical and Chemical Pathology Department, Faculty of Medicine, Ain Shams University, April 21-22, 2015.
- Towards Safe nurse care, Central unit of infection control and Ain Shams University Hospitals, March 15, 2015.
- Antimicrobial stewardship program: Get smart about antibiotics. Central unit of infection control and intensive care units, Ain Shams University Hospitals, November 10, 2015.

- Hand Hygiene Day Campaign, Infection control unit, Ain Shams University Hospitals, May 18, 2015.
- Workshop of Lab safety and infection control, Clinical Pathology Department, Faculty of Medicine, Ain Shams University, January 17 and 24, 2012.
- Training course of the Particular Requirements for the Competence of Medical Laboratories for ISO 15189:2007 Accreditation and internal management system, The Dubai Municipality Training Center, Dubai, July 17-19, 2011.
- Training course for the Application of Chemical Engineering in the Medical Laboratories in The Ministry of Defense of Kuwait, Kuwait, December 6-17, 2009.
- Workshop and training course on hospital infection control, to train the new resident doctors in Ain shams University Hospitals, Cairo, Egypt, April 26-29, 2004.
- Training for using flow cytometry in Workshop on rapid automated system for microbiology identification and susceptibility testing, The Egyptian Society of Laboratory Medicine, the First Arab Congress about Advanced Laboratory Technology: The Quest for the Best, Cairo, Egypt, April 20-22, 2002.
- The Eleventh Annual conference of the Egyptian Society of Laboratory Medicine about Laboratory role in maternity and infancy, Cairo, Egypt, March 4-6, 2000.

# 4. Training Courses and Workshops:

- A Hands-on Approach: Form Teaching to Assessment, Creating AI Enhanced Interactive Content
  Faculty of Medicine, Ain Shams University, 16 April to 7 May /2025 by ASU-Mena-FRI
  FAIMER Institute
- ISO 15189:2022 Explanation and implementation by the Egyptian Accreditation Council (EGAC) 25-26/3/2025.
- Assessors training on the requirements of the international standard ISO 15189:2022 by EGACon 16-18/5/2023
- ISO 15189:2012 Internal Auditor training course according to ISO 19011:2018 by the Egyptian Accreditation Council (EGAC) November 26-27, 2022.
- Training course for infection control in University of Louisville, Kentucky, USA in November, 2018.
- The Assessor Training Course for: Accreditation of Medical Laboratories According to ISO 15189:2012 and EGAC Requirements, by the Egyptian Accreditation Council (EGAC), January 4-6, 2016.
- Understanding and implementing ISO 15189, January 16, 19-21, 2014.
- Hospital Hygiene workshop, Bilateral German-Egyptian Workshop Hospital Hygiene Berlin, Dusseldorf and Cologne, July 16, 2013 – August 07, 2013.
- Change Management course by Key Cooperation Competencies (KCC) and Ministry of State for Administrative Development, March 25-27, 2012
- PCR in Microbiology by INSTAND/WHO Collaborating Centre for Quality Assurance Standardization in Laboratory Medicine and Institute of Medical Microbiology and Hygiene in University of Regensburg, in Germany February 19-23, 2012.
- The internal management system auditor according to ISO 15189:2007, TÜV Rheinland Egypt, 23-26 May, 2011

- Workshop on infection control procedures in the central sterilization department (CSSD), SPIC Egypt/ International Federation of Infection Control (IFIC), March 28, 2011.
- Quality assurance in microbiology, The XXII Annual Conference of the Egyptian Society of Laboratory Medicine, Cairo, Egypt, in collaboration of INDTAND/WHO Collaborating Centre Quality Assurance and Standardization in Laboratory Medicine. March 8-10, 2011.
- Workshop on the internal audit workshop, The First International Congress of Clinical and Chemical Pathology Department on Total Quality Management in Labs, Girls' Faculty of Medicine, Al Azhar University, November 24, 2010.
- Occupational Safety and Health Administration of the United States of America (OSHA) 30 hrs general industry, Safety and occupational health, August 7-10, 2010.
- Workshop on risk management, Ain Shams University Specialized Hospital, June 6-8, 2010.
- Hospital Medical Records, Healthcare Quality Unit, Department of Community Medicine, Faculty of Medicine, Ain Shams University, Cairo, Egypt. May 29-31 and June 1, 2010.
- Fundamental Principles in the Interpretation of Lab Report, The XXI Annual Conference of the Egyptian Society of Laboratory Medicine, Cairo, Egypt, March 27-29, 2010.
- The Histopathology and Mycology of Fungal Infections workshop, The XXI Annual Conference of the Egyptian Society of Laboratory Medicine, Cairo, Egypt, March 27-29, 2010.
- Achieving Quality and Safety through JCI Accreditation, Joint Commission International and The Egyptian Society for Quality in Health Care, Cairo, Egypt, February 3, 2010.
- Monitoring and measurement of processes training course based on statistical process control, held by SAI Global Egypt, SAI Global, Centerior International Services Clearwater, Flourida, USA.
   Presented by Centerior Middle East Regional Office, February 14-15, 2010
- Healthcare Quality Management, Healthcare Quality Unit, Department of Community, Faculty of Medicine, Ain Shams University Unit, January 13-28, 2010.
- Particular Requirements for the Competence of Medical Laboratories for ISO 15189:2007 Accreditation, EGAC, Egyptian Society for Quality, January 15-16 & 22-23, 2010.
- The Quality Management Systems Auditor/Lead Auditor Training Course, ISO 9001:2008, AFNOR Groupe, Course Certified by International Register of Certificated Auditors Course Number A 17019, Cairo, Egypt, November 8-12, 2009.
- The Second International Seminar in Microbiology, Theodor Bilharz Research Institute and Beaujon Hospital (France), October 25, 2009.
- Workshop on the Management of Antimicrobial Resistance among Bacterial Pathogens: Mechanisms, Detection and Molecular Epidemiology (The Theoretical and Practical activities), The Annual Conference of The Society for Practitioners of Infection Control (SPIC Egypt) in collaboration with The European Society of Clinical Microbiology and Infectious Diseases and The American Society for Microbiology and Faculty of Medicine Cairo University, about Cairo, Egypt. October 1-3, 2009.
- Auditing ISO 9001:2008 training course by CRS Registrars, Centerior International Services Clearwater, Flourida, USA. Presented by Centerior Middle East Regional Office, May 17, 2009.
- Medical Statistics training course by CRS Registrars, Centerior International Services Clearwater, Flourida, USA. Presented by Centerior Middle East Regional Office, January 28-29, 2009.
- French and medical French courses in the cultural French center in Egypt and in Touraine institute in France, 2008-2007

- Total quality management, KAIZEN management, production management, KAIZEN Productivity and Quality Improvement Center, Ministry of Trade and Industry, August, 2008.
- Workshop on Principles of project management, The XIX annual conference of the Egyptian Society of Laboratory Medicine, April 5-7, 2008.
- Workshop on Hematology case presentation, The Ninetieth annual conference of the Egyptian Society of Laboratory Medicine, April 5-7, 2008.
- Statistical analysis skills in scientific research, organized by Center for developing Science teaching, Ain Shams University, February 2-5, 2008
- Training of trainers workshop of infection control precautions of acute respiratory diseases in healthcare organized by CDC, Namru-3 and Cairo University, September 9-11, 2007.
- Course on Survival analysis on STATA, Viral Hepatitis Surveillance and Treatment in Egypt, Department of Community Medicine, Faculty of Medicine, Ain Shams University in collaboration with Institut Pasteur, Paris, France, July 7-11, 2007.
- Course on Basic Data Analysis on STATA, Viral Hepatitis Surveillance and Treatment in Egypt, Department of Community Medicine, Faculty of Medicine, Ain Shams University in collaboration with Institut Pasteur, Paris, France, June 30 – July 4, 2007.
- Workshop of clinical microbiology quality control in microbiology lab organized by Clinical and Chemical Pathology Department Kasr El Aini Hospital, April 29-30, 2007.
- Internal quality audit training course (certified auditor) by CRS Registrars, Centerior International Services Clearwater, Flourida, USA. Presented by Centerior Middle East Regional Office, March 10-11, 2007.
- Training courses organized by Project of Developing Capabilities of Ain Shams University Teaching Staff and Leadership:
  - Examination systems and evaluating students, June 19-21, 2010
  - Organization of scientific conferences, June 15-17, 2010
  - Managing time and meetings January 19-20, 2008
  - Using Technology in Teaching, August 22-24, 2006.
  - Preparation of writing scientific papers and international publishing, August 5-7, 2006
  - Curriculum design for Lecturers, April 4-6, 2006.
  - Scientific research procedures, May 21-24, 2005
  - Effective Communication skills, May 7-10, 2005
- High Performance Liquid Chromatography (HPLC) workshop organized by the XVII Annual Conference of The Egyptian Society of Laboratory Medicine, March 22-23, 2006.
- Nosocomial infection training module: Epidemic of urinary tract infections in intensive care units, organized by Universiete Claude Bernard Lyon 1 Office, Euro-Mediterranean Public Health Information System (EMPHIS) consortium, December, 2005.
- Effective communication skills for Lecturers, organized by Faculty and Leadership Development Project, Ain Shams University, May 7-10, 2005.
- The 9th International Training Course for Clinical Immunology of Infectious Diseases and Total Quality Management (ICCI-TQM), organized by World Health Organization, Japan International Cooperation Agency, and Egyptian Fund for Technical Cooperation with Africa, November 22nd to December 23rd, 2004.
- Workshop on molecular techniques and polymerase chain reaction (PCR), The Eleventh annual conference of the Egyptian Society of Laboratory Medicine, March 4-6, 2000.

• Education expertise for assistant lecturers and demonstrators in Ain Shams University, September 4-21, 1998.

# **Publications:**

# I. Scientific books (Co-author)

- 1. The National Infection Prevention and Control Guidelines of Egypt, 2021 in collaboration with the WHO.
- 2. The National Action Plan on Antimicrobial Resistance in Egypt, March 2018 in collaboration with the WHO.
- 3. Water hygiene, Nagwa Khamis, Samia Girgis, Basic Concepts of Infection Control, International Federation of Infection Control, 3rd edition, 2016
- 4. Antimicrobial Policy In Intensive Care Units, (author and Chief editor), Central Unit of Infection Control and Central Unit of Intensive Care, Ain Shams University Hospitals, 2014
- 5. Clinical Pathology for Medical Students, Clinical Pathology Department, Faculty of Medicine, Ain Shams University, 2015.
- 6. Clinical Pathology self-assessment book for Medical Students, Clinical Pathology Department, Faculty of Medicine, Ain Shams University, 2015.
- 7. Laboratory Service Guidelines, Clinical Pathology Department, Ain Shams University, 2008.

#### **II.** Journal Articles Publications:

- Milad P, ..., Girgis SA, et al. The tsunami of antibiotic resistance as a global health crisis in otorhinolaryngology patients; a cross-sectional study. Egypt J Otolaryngol. 2025;41:134. DOI: 10.1186/s43163-025-00883-7.
- 2. Fahmy NT, ..., **Girgis SA**, et al. Incidence of common respiratory pathogens among patients with severe acute respiratory infection during COVID-19 pandemic in Egypt. Sci Rep. 2025;15:15711. doi:10.1038/s41598-025-98907-y.
- 3. Henriot P, ..., **Girgis SA**, et al. An agent-based model to simulate the transmission dynamics of bloodborne pathogens within hospitals. *PLoS Comput Biol*. 2025;21(2):e1012850. doi:10.1371/journal.pcbi.1012850.
- 4. Awad H, ..., **Girgis SA**, et al. Accurate and reliable surface-enhanced Raman spectroscopy assay for early detection of SARS-CoV-2 RNA with exceptional sensitivity. *Spectrochim Acta A Mol Biomol Spectrosc*. 2024;315:124184. doi:10.1016/j.saa.2024.124184.
- 5. Kandil S, ..., **Girgis SA**, et al. Developing a mortality risk prediction model using data of 3663 hospitalized COVID-19 patients: a retrospective cohort study in an Egyptian University Hospital. *BMC Pulm Med*. 2023;23:57. doi:10.1186/s12890-023-02345-3.
- 6. Henriot P, ..., **Girgis SA**, et al. Preventing iatrogenic HCV infection: a quantitative risk assessment based on observational data in an Egyptian hospital [Preprint]. *medRxiv*. 2022. doi:10.1101/2022.07.22.22277938.

- 7. Anwar WA, ..., **Girgis SA**, et al. Hepatitis C virus infection and risk factors among patients and health-care workers of Ain Shams University hospitals, Cairo, Egypt. *PLoS One*. 2021;16(2):e0246836. doi:10.1371/journal.pone.0246836.
- 8. Mansour OI, ..., **Girgis SA**, et al. SARS-CoV-2 and other viral etiologies in olfactory dysfunction: a prospective cohort study. *Egypt J Otolaryngol*. 2022;38:65. doi:10.1186/s43163-022-00251-9.
- 9. Lohiniva AL, ..., **Girgis SA**, et al. Developing a theory-based behavior change intervention to improve the prescription of surgical prophylaxis. *Int J Clin Pharm*. 2022;44(1):227–234. doi:10.1007/s11096-021-01338-8.
- 10. **Girgis SA**, et al. SARS-CoV-2 PCR positivity rate and seroprevalence of related antibodies among a sample of patients in Cairo: Pre-wave 2 results of a screening program in a university hospital. *PLoS One*. 2021;16(7):e0254581. doi:10.1371/journal.pone.0254581.
- 11. Mansour O, ..., **Girgis SA**, et al. Consensus Meeting Report "Technology Enhanced Assessment" in Covid-19 Time, MENA Regional Experiences and Reflections. *Adv Med Educ Pract*. 2021;12:1449–1456. doi:10.2147/AMEP.S331829.
- 12. Hafez HM, ..., **Girgis SA**, et al. SARS-CoV-2 infection in never, former, and current tobacco/nicotine users: a cohort study of 4040 Egyptian healthcare workers. *BMC Public Health*. 2021;21:1243. doi:10.1186/s12889-021-11290-x.
- 13. **Girgis SA**, et al. SARS-CoV-2 seroconversion among 4040 Egyptian healthcare workers in 12 resource-limited healthcare facilities: a prospective cohort study. *Int J Infect Dis*. 2021;104:534–542. doi:10.1016/j.ijid.2021.01.037.
- 14. **Girgis SA**, et al. Universal COVID-19 screening of 4040 health care workers in a resource-limited setting: an Egyptian pilot model. *Int J Epidemiol*. 2021;50(1):50–61. doi:10.1093/ije/dyaa173.
- 15. Ebeid FSE, ..., **Girgis SA**, et al. COVID-19 in children with cancer: a single low-middle income center experience. *J Pediatr Hematol Oncol*. 2021;43(8):e1077-e1081. doi:10.1097/MPH.0000000000002025.
- 16. Agwa SHA, ..., **Girgis SA**, et al. Laboratory based Retrospective Study to determine the start of SARS-CoV-2 in Patients with Severe Acute Respiratory Illness in Egypt at El-Demerdash tertiary hospitals. Europe PMC. DOI: https://doi.org/10.21203/rs.3.rs-76216/v2
- 17. Ismail G, ..., **Girgis SA**, et al. Impact of safety-engineered devices on needle-stick injury rates among emergency nurses in Egypt. *Acta Sci Med Sci*. 2020;4(10):109–115.

- 18. El-Kholy AA, **Girgis SA**, et al. Molecular characterization of multidrug-resistant Gram-negative pathogens in three tertiary hospitals in Cairo, Egypt. *Eur J Clin Microbiol Infect Dis*. 2020;39(5):987–992. doi:10.1007/s10096-020-03812-z.
- 19. Kotb S, ..., **Girgis SA**, et al. Epidemiology of carbapenem-resistant Enterobacteriaceae in Egyptian intensive care units: National Healthcare–associated Infections Surveillance Data, 2011–2017. *Antimicrob Resist Infect Control*. 2020;9:2. doi:10.1186/s13756-019-0639-7.
- 20. Abdou E, ..., **Girgis SA**, et al. Sternal surgical site infection in Egypt following coronary artery bypass graft surgery: incidence and risk factors. *J Hosp Infect*. 2018;100(4):456–458. doi:10.1016/j.jhin.2018.07.001.
- 21. Gabr MSE, ..., **Girgis SA** et al. Molecular detection of human herpes viruses 1–6 in cerebrospinal fluid of patients with central nervous system infections. *Egypt J Hosp Med*. 2018;72(6):4469–4472. doi:10.21608/ejhm.2018.9793.
- 22. **Girgis SA**, et al. In vitro antimicrobial combinations for pan-drug resistant Acinetobacter species. *Egypt J Hosp Med*. 2018;72(6):4473–4477.
- 23. Abdelmegeed ASM, ..., **Girgis SA**, et al. Detection of fluoroquinolone resistance in Enterobacteriaceae and Pseudomonas species using molecular techniques. *Egypt J Hosp Med*. 2017;69(6):2698–2702.
- 24. El Kholy A, **Girgis SA**, et al. Reduction of antimicrobial resistance among Gramnegative pathogens after antimicrobial stewardship in three tertiary Egyptian hospitals. *Open Forum Infect Dis*. 2017;4(Suppl 1):S379. doi:10.1093/ofid/ofx163.1275.
- 25. **Girgis SA** and Ahmed OM. Rapid detection of Panton-Valentine leukocidin gene from Staphylococcus aureus clinical isolates. *Int J Curr Microbiol Appl Sci*. 2017;6(1):276–283. doi:10.20546/ijcmas.2017.601.036.
- 26. Saied T, ..., **Girgis SA**, et al. Antimicrobial stewardship to optimize the use of antimicrobials for surgical prophylaxis in Egypt: a multicenter pilot intervention study. *Am J Infect Control*. 2015;43(11):e67–e73. doi:10.1016/j.ajic.2015.07.004.
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### **III.** Conference Presentations:

- o Annual conference of the Egyptian Association for Healthcare Systems Management October 2<sup>nd</sup>, 2024.
- Environmental screening, The annual conference of Central Unit of Infection Control, Ain Shams University Hospitals and Society of Practitioners of Infection Control in Egypt (SPIC Egypt), December 19-21, 2015
- o Annual conference of infection control in Faculty of Medicine annual conference
- Past, present and future innovations, Conference of Chest Diseases Department, Ain Shams University June 30<sup>th</sup>, 2022.
- Towards zeroing of surgical site infection, Arab Contractor Hospital Conference, June 30, 2016.
- Accreditation of Microbiology Lab, The XXVII Annual Conference of the Egyptian Society of Laboratory Medicine, Cairo, Egypt, April 19-21, 2016.
- Infection control and accreditation, The sixth conference of Central Unit of Infection Control, Ain Shams University Hospitals and Society of Practitioners of Infection Control in Egypt (SPIC Egypt), December 19-21, 2015.
- Antimicrobial Stewardship, Infection control era, Annual conference of Faculty of Medicine, Ain Shams University, 27/4/2015.
- o Is diagnosis of Tuberculosis in HIV-Infected Patients a Challenge?, The 9th Scientific Congress of Clinical Pathology Department, Advances in Laboratory Diagnosis and

- Management, Suez Cana University Hospital. In collaboration with the International Training Course for Clinical Immunology of infectious Diseases and Introduction to Molecular Biology, Ismailia, Egypt, October 16, 2011.
- o Fungal rhinosinusitis, The Annual Conference of The Arab Society of Infectious Diseases and Antimicrobials (ASIDA), April 26-29, 2011.
- Analytical and postanalytical quality assurance in microbiology laboratory, The XXII
   Annual Conference of the Egyptian Society of Laboratory Medicine, Cairo, Egypt, in collaboration of INDTAND/WHO Collaborating Centre Quality Assurance and Standardization in Laboratory Medince. March 8-10, 2011.
- o First training course of Lab chemists and technicians, Obstetrics and Gynecology Hospital, Ain Shams University / The Egyptian Red Crescent, May 2-4, 2010.
- Patient Safety first: Safe Medical interference workshop, The fourth annual meeting and workshop for nursing staff, The Sixteenth Annual Conference of the Arab Society of Infectious Diseases and Antimicrobials (ASIDA), April 27-28, 2010.
- o Multicenter Surveillance for Hospital Acquired Infection by Carbapenem-Resistant Acinetobacter Producing blaIMP Metallo Beta Lactamase, The XXI Annual Conference of the Egyptian Society of Laboratory Medicine, Cairo, Egypt, March 27-29, 2010.
- o Microarray Technique for Detection of Vancomycin Resistant S. Aureus (VRSA) Presented at the XIX Annual conference of the Egyptian Society of Laboratory Medicine, about the laboratory: from self-evaluation to accreditation, Cairo, Egypt. April 5-7, 2008.
- Human Metapneumovirus: A newly described respiratory tract pathogen. Presented at The XVII Annual conference of the Egyptian Society of Laboratory Medicine, March 22-23, 2006.
- Avian Influenza Virus H5N1: A human pandemic threat. Presented at the Annual Meeting of Clinical Pathology Department, Faculty of Medicine, Ain Shams University, February 22-23, 2006.
- Avian influenza virus. Presented to the public community at the Medical Culture Committee,
   The Higher Congress of Culture, The Opera House in Cairo, December, 25 2005.
- Obesity and Infection. Presented at The XVI Annual conference of the Egyptian Society of Laboratory Medicine and The Egyptian Society of Applied Endocrinology, March 23-24, 2005.
- Acute cystitis in the era of antibiotic resistance. Presented at The IX Annual conference of the Egyptian Society of Laboratory Medicine and The Egyptian Society of Nephrology, March 30-31, 2004.
- Fungal nail infection. Presented at the Annual Meeting of Clinical Pathology Department,
   Faculty of Medicine, Ain Shams University, May 5-6, 2003.
- SEN virus infection in relation to chronic liver diseases and transfusion associated hepatitis.
   The XIV Annual conference of the Egyptian Society of Laboratory Medicine (ESLM),
   April 2-4, 2003.
- Rapid susceptibility testing of Candida species by Flow cytometry. ESLM'S First Arab Congress, April 20-22, 2002.

# • Attendance and Participation:

o Egyptian Society of Laboratory Medicine (ESLM) Scientific Day, Navigation between different laboratory accreditation, on December 22<sup>nd</sup>,2022.

- XXIIe Congrés National de la Société Française d'Hygiène Hospitalière, Lyon, France, 8-10
   July 2011.
- o Workshop on infection control procedures in the central sterilization department (CSSD), SPIC Egypt/ International Federation of Infection Control (IFIC), March 28, 2011.
- o The 22nd Annual conference of the Egyptian Society of Laboratory Medicine in collaboration with INSTAND/WHO Collaborating Centre for Quality Assurance and Standardization in Laboratory Medicine, accredited by the European Council for Medical Education (EACCME), R. No: 5323, 8-10 March, 2011.
- o Workshop on the internal audit workshop, The First International Congress of Clinical and Chemical Pathology Department on Total Quality Management in Labs, Girls' Faculty of Medicine, Al Azhar University, , in collaboration of INDTAND/WHO Collaborating Centre Quality Assurance and Standardization in Laboratory, November 24, 2010.
- The XXII Annual Conference of the Egyptian Society of Laboratory Medicine, Cairo, Egypt, in collaboration of INDTAND/WHO Collaborating Centre Quality Assurance and Standardization in Laboratory Medicine. March 8-10, 2011.
- The First International Congress of Clinical and Chemical Pathology Department on Total Quality Management in Labs, Girls' Faculty of Medicine, Al Azhar University, November 21-24, 2010.
- The second international congress of Safe Surgery Saves Lives. The Society for Practitioners of Infection Control of Egypt (SPICEgypt) in collaboration with The French Society of Hospital Hygiene and WHO (EMRO), October 4, 2010.
- o The Scientific day on Chronic Myeloid Leukemia, Clinical Hematology and Oncology Unit, Internal Medicine Department, Faculty of Medicine, Ain Shams University, June 21, 2010.
- The Scientific day on monoclonal gammopathies and Thalassemia Intermedia, Clinical Hematology and Oncology Unit, Internal Medicine Department, Faculty of Medicine, Ain Shams University, June 21, 2010.
- The first annual scientific symposium of General Unit of Infection Control, Ain Shams University, May 31, 2010.
- o The Sixteenth Annual Conference of the Arab Society of Infectious Diseases and Antimicrobials (ASIDA), April 27-28, 2010.
- o The XXI Annual Conference of the Egyptian Society of Laboratory Medicine, Seeking Excellence in Laboratory Practice, Cairo, Egypt, March 27-29, 2010.
- The Egyptian Society for Quality in Health Care (ESQua)/Joint Commission International (JCI) Conference about Achieving quality and safety through JCI accreditation, Cairo, Egypt February 3, 2010.
- o The Annual Conference of The Society of Infection Control (SPIC Egypt) in collaboration with The European Society of Clinical Microbiology and Infectious Diseases and The American Society for Microbiology and Faculty of Medicine Cairo University, about Management of Antimicrobial Resistance From Experience to Practice, Cairo, Egypt. September 29-October 3, 2009.
- o The World Day for Han Hygiene, inspired by the WHO "World Alliance for Patient Safety" that was held in Ain Shams University Specialized Hospital (ASUSH) in collaboration with the Society for Practitioners of Infection Control or Egypt (SPICEgypt), May 5, 2009.
- The Xth Annual Conference of Clinical Pathology Department, Faculty of Medicine, Mansoura University, on Clinical Pathology and Patient Care: A Cross Talk"

- o The XX Annual conference of the Egyptian Society of Laboratory Medicine, about Excellence in Laboratory Practice, Cairo, Egypt. March 28-30, 2009.
- o The fifth international infection control conference of Theodor Bilharz Research Institute (TBRI) and the third Egyptian-Greek Training Course on Intensive Care Skills and Associated Infection Control Protocols, Theodor Bilharz Research Institute, Giza, Egypt. March 2-5, 2009.
- o The XIX Annual conference of the Egyptian Society of Laboratory Medicine, about the laboratory: from self-evaluation to accreditation, Cairo, Egypt. April 5-7, 2008.
- o The Thirty first Annual Ain Shams International Medical Congress on Towards Safe Medical Practice, Cairo, Egypt, March 10-13, 2008.
- o The Fifth Scientific Conference of Clinical Pathology Department, Faculty of Medicine, Suez Canal University, May 3, 2007.
- o The XVIII Annual conference of the Egyptian Society of Laboratory Medicine, about the laboratory: from self-evaluation to accreditation, Cairo, Egypt. March 21-22, 2007.
- o The 4<sup>th</sup> Scientific Conference of Microbiology and Infection Control Department, about Control of infection in critical departments in hospitals, Cairo, Egypt, April 5-6, 2006.
- o The XVII Annual conference of the Egyptian Society of Laboratory Medicine, about recent advances in laboratory medicine, Cairo, Egypt. March 22-23, 2006.
- o The 12<sup>th</sup> Annual Conference of The Arab Society of Infectious Diseases and Antimicrobials (ASIDA), about Towards Better Control, Cairo, Egypt, March 9-10, 2006.
- The XVI Annual conference of the Egyptian Society of Laboratory Medicine in collaboration with The Egyptian Society of Clinical Endocrinology, about obesity, Cairo, Egypt, March 24-25, 2005.
- The International Society of Thrombosis and Haemostasis Educational Symposium, Cairo, Egypt, March 12-13, 2005.
- The 9<sup>th</sup> Annual Conference of The Egyptian Association of Immunologists in collaboration with The Clinical Pathology Department, Faculty of Medicine, Suez Canal University, Ismailia, Egypt, November 24-26, 2004.
- The XV Annual Conference of the Egyptian Society of Laboratory Medicine (ESLM) in collaboration with The Egyptian Society of Nephrology about laboratory guidelines in renal diseases, Cairo, Egypt, March 30-31, 2004.
- The Annual Meeting of Clinical Pathology Department, Faculty of Medicine, Ain Shams University, Cairo, Egypt, May 5-6, 2003.
- The XIV Annual Conference of The Egyptian Society of Laboratory Medicine (ESLM) about Evidence-Based Laboratory Medicine in Liver Disease, Cairo, Egypt, April 2-4, 2003.
- The Egyptian Society of Hematology, The 25th Annual Meeting, Cairo, Egypt, March 12-13, 2003.
- Egyptian Society of Laboratory Medicine, the First Arab Congress about Advanced Laboratory Technology: The Quest for the Best, Cairo, Egypt, April 20-22, 2002.
- The 7th Annual Conference and the 1st Scientific Week of The General Organization for Teaching Hospitals and Institutes, Cairo, Egypt, October 26-31, 2002.
- The 3rd International Congress of International Federation of Infection Control, 10th Annual Conference of Egyptian Society of Infection control, Cairo, Egypt, November 24-27, 2001.

• The Eleventh annual conference of the Egyptian Society of Laboratory Medicine about Laboratory role in maternity and infancy, Cairo, Egypt, March 4-6, 2000.

#### IV. Practical work of:

- The M.D. thesis: title "The rapid susceptibility testing of Candida species by flow cytometry".
- The Master degree thesis: title "New trends and prevention of surgical wound infection in general surgery".

# V. Postgraduate supervision: (co-supervisor)

#### a) For M.D. thesis:

- Nosocomial infections caused by extended spectrum β-lactamase–producing Escherichia Coli and Klebsiella species: risk factors and molecular epidemiology, submitted in 2006.
  - Rapid detection of bacterial contamination in platelet concentrates by polymerase chain reaction submitted in 2005.
  - Restriction Fragment Length Polymorphism Genotyping and Biotyping of Aeromonas Isolates From Patients with Diarrheal Gastroenteritis and Wound Infection: Protocol submitted in 2002.

#### b) Master degree:

- Avian Influenza Viruses as Human Pandemic Threat: Submitted in 2005
- Update of Nocardia infection. Submitted in 2005
- Fungal Rhinosinusitis: Submitted in 2004
- The Medical Use of Autogenous Vaccine: Protocol Submitted in 2004
- Legionellosis in Immunocompromised Patients: Submitted in 2004
- Anthrax: A Biological Threat: Submitted in 2003
- SEN Virus Infection and Its Relation to Liver Diseases: Protocol submited in 2003
- Polymerase Chain Reaction for Detection of Helicobacter Pylori in Patients with Gastritis and Gastric Ulcer: Submitted in 2003
- Fungal Nail Infections: Submitted in 2002
- Prevalence of Bacterial Vaginosis in Diabetic Pregnant Women: Submitted in 2002

# **Culture Activities**

- Public orientation for general and specific health matters and infection prevention and control as for COViD-19 through different media channels as TV, Radio, newspapers and magazines
- COVID-19, Influenza virus, Zika virus community orientation through the Egyptian TV and social media since 2005.
- Infection control measures in hospitals. Symposium on air in Horus TV Channel on August, 2008.
- Premarital investigations for congenital diseases Symposium on air in the TV Beatty Channel on April 11, 2007.
- Premarital investigations Symposium on air in The Arab TV, on February 8, 2007.
- Avian Flu Symposium in the Medical Committee of the Supreme Council of Culture in the Opera House on December 25, 2005.

### **Special Skills**

- Very good experience about major computer skills (Word, Excel, Power point).
- Prefer team work.
- Motivated with excellent cooperation.
- Enjoy reading and studying old Egyptian history with great curiosity in exploration of its secrets.

# **References:**

- Dr. Mahmoud El-Meteini, MD.
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