



## CURRICULUM VITAE

### Personal data

- **Name :** Sarah Mohamed Gamal Mahmoud Abdo
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- **Date of birth:** 25/2/1987
- **Nationality:** Egyptian.
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- **Current position:** Lecturer of Medical Parasitology Faculty of Medicine Kafrelsheikh University, Egypt.
- Head of international student care unit– Faculty of Medicine Kafrelsheikh University, Egypt2023.
- Member of the Laboratories Committee.
- Semestr (6) Director

### Education:

- 2009: Bachelor of medicine & surgery, faculty of medicine, Alexandria University, Egypt. (Excellent with honor degree)
- 2015: Master Degree in Molecular and Applied Parasitology, Medical Research Institute, Alexandria University, Egypt. (Excellent with honor degree).
- 2018: PhD Degree in Molecular and Applied Parasitology, Medical Research Institute, Alexandria University, Egypt (Excellent with honor degree).

### Appointments:

1. Mar.2009- Mar.2010: Physician at health Care Unit, Kafrelsheikh
2. Oct.2010- Aug.2015: Demonstrator of Molecular and Applied Parasitology, Medical Research Institute, Alexandria University, Egypt.
3. Aug. 2015 – Aug. 2018: Assistant Lecturer of Medical Parasitology Faculty of Medicine Kafrelsheikh University, Egypt.
4. Lecturer of Medical Parasitology Faculty of Medicine Kafrelsheikh University, Egypt.

### Teaching experience:

- 1.Share in the Medical Parasitology and Entomology practical courses for postgraduate students (diploma, master and PhD Medical Parasitology and Entomology) in the Medical Research Institute, Alexandria University, Egypt since Oct.2010 till Aug.2015
- 2.Share in Medical Parasitology and Entomology practical elective courses for postgraduate students in the Medical Research Institute, Alexandria University, Egypt since Oct.2010 till Aug.2015
- 3.Teaching Medical Parasitology practical courses for 3<sup>rd</sup> year students (Program 6+1) faculty of Medicine, Kafrelsheikh University.
- 4.Teaching Medical Parasitology theoretical courses for 1<sup>st</sup> and 2<sup>nd</sup> year students (Program 5+2) faculty of Medicine, Kafrelsheikh University.

5. Teaching Medical Parasitology courses for nursing students faculty of Nursing, Kafrelsheikh University.

**Participate in exam work:**

1. Member of Committees of Examiners and Correctors faculty of Medicine, Kafrelsheikh University in the first semester and second semester 2018.
2. Member in second grade Exam control committee, faculty of Medicine, Kafrelsheikh University ,2018.
3. Member of Committees of Examiners and Correctors faculty of Medicine, Kafrelsheikh University in the first semester and second semester 2019.
4. Member in first grade Exam control committee, faculty of Medicine, Kafrelsheikh University 2019.
5. Member of Committees of Examiners and Correctors faculty of Medicine, Kafrelsheikh University in the first semester and second semester 2020.
6. Member in second grade Exam control committee, faculty of Medicine, Kafrelsheikh University 2020.
7. Member of Committees of Examiners and Correctors faculty of Medicine, Kafrelsheikh University in the first semester and second semester 2021.
8. Member in first grade Exam control committee, faculty of Medicine, Kafrelsheikh University 2021.
9. Member of Committees of Examiners and Correctors faculty of Medicine, Kafrelsheikh University in the first semester and second semester 2022.
10. Member in first grade Exam control committee, faculty of Medicine, Kafrelsheikh University 2022.
11. Member of Committees of Examiners and Correctors faculty of Medicine, Kafrelsheikh University in the first semester and second semester 2023.
12. Member in second grade Exam control committee, faculty of Medicine, Kafrelsheikh University 2023.

**Participant in Quality Assurance Unit work**

1. Internal Department Quality Assurance Unit Coordinator in quality team in medical research institute Alexandria university 2013-2015.
2. Internal Department Quality Assurance Unit Coordinator in quality team, faculty of Medicine, Kafrelsheikh University 2015-2018.

3. Responsible for the standard of students and alumni in Quality Assurance Unit 2019.
4. Responsible for the standard of students and alumni in Quality Assurance Unit 2020.
5. Responsible for the standard of students and alumni in Quality Assurance Unit 2021.
6. Responsible for the standard of students and alumni in Quality Assurance Unit 2022.
7. Responsible for the standard of students and alumni in Quality Assurance Unit 2023.

#### **Participant Measurement and evaluation Unit work**

1. Member of Measurement and evaluation Unit team faculty of Medicine, Kafrelsheikh University 2021-2022.
2. Assistant Director of the Measurement and Evaluation Unit faculty of Medicine, Kafrelsheikh University 2023.

#### **Clinical and laboratory experience:**

1. I have been trained coproscopic examination of different protozoa and helminths. This enabled me to gain considerable experience in the diagnosis of different parasites.
2. I have been trained on field work, collection and processing of stool samples.

#### **Workshops attended & shared in:**

1. Summer training for 4<sup>th</sup> grade student's faculty of Science, Kafrelsheikh University held at Medical Research Institute, Alexandria University, Egypt, Aug. 2015.
2. Workshop of Infection control principles held at Medical Technology Center, Alexandria University, Egypt, from 28-29 Nov 2012.
3. Scientific Writing workshop held at High Institute of Public Health by Ahmad Mandi WHO/EMRO consultant 25 Mar 2019.
4. Workshop of Medical Statistics held at faculty of Medicine, Kafrelsheikh University, Egypt, from 12- Dec 2019
5. 2nd virtual Training workshop on "Schistosoma Life Cycle Maintenance, Antigen Preparation, and Polyclonal Antibody Production" organized by TBRI-WHO collaborating center and held in TBRI on 26th -27th September 2022.
6. training course entitled (Preparation of the test item for the medical sector) was passed within the implementation plan of the national system for electronic tests, which was held online on April 52, 2021.
7. The Measurement and Evaluation Center at the Higher Education Development Projects Management Unit

8. A workshop entitled Experimental Histopathology in Parasitology 12/23/
9. Attending the effective manager preparation course 9/2022.

**Computer and Language Certificates:**

- 1- TOEFL PROGRAM Certificate from Community Development Center, Alexandria University, Egypt.
- 2- Excel training Certificate from Central unit for training in information systems and technology Kafrelsheikh University, Egypt, Sep. 2017.
- 3- Power point training Certificate from Central unit for training in information systems and technology Kafrelsheikh University, Egypt, Sep. 2017

**Training courses:**

1. Training on Time and Meeting Management, Faculty and Leadership Development Center, Alexandria, Egypt, May. 2015.
2. Training on Electronic Learning, Faculty and Leadership Development Center, Alexandria, Egypt, May. 2015.
3. Training on Competitive Research Project, Faculty and Leadership Development Center, Alexandria, Egypt, June. 2015.
4. Training on Crisis & Disaster Management, Faculty and Leadership Development Center, Alexandria, Egypt, Nov. 2014.
5. Training on Reference Management System, Faculty and Leadership Development Center, Alexandria, Egypt, May. 2015.
6. Training on University Legal & Financial Aspects, Faculty and Leadership Development Center, Alexandria, Egypt, Dec. 2014.
7. Training on Conference Organization, International Center for HRM & Continuing Education, Kafrelsheikh University, Egypt, Jun. 2017.
8. Training on International Scientific Publishing, International Center for HRM & Continuing Education, Kafrelsheikh University, Egypt, Jul. 2017.
9. Training on Credit Hour System, International Center for HRM & Continuing Education, Kafrelsheikh University, Egypt, Jun. 2017.
10. Training on Preparing a Competitive Research Project, International Center for HRM & Continuing Education, Kafrelsheikh University, Egypt, Jun. 2017.
11. Participation in the teacher preparation course at Kafr El-Sheikh University, College of Education 2017

12. Training on Fundamentals of digital transformation 24/3/2022
13. Training on using technological teaching skills 29-31/3/2022.
14. Training on decision making and problem solving 19-21/4/2022.
15. Training on strategic plan 15-17/2/2022

#### **Conferences attended:**

1. The 17<sup>th</sup> conference (5<sup>th</sup> international) ADVANCES IN MEDICAL RESEARCH, Alexandria, Egypt, 1<sup>3th</sup>-16<sup>th</sup> Nov. 2012.
2. Speaker and second prize in Postgraduate second annual conference Medical Research Institute, Alexandria University 3 Oct 2018.
3. Speaker in 9<sup>th</sup> annual International Scientific Conference of the Egyptian society of Veterinary Parasitology 18 Oct 2018.
4. The 1<sup>st</sup> International Conference of Biosafety and Biosecurity Egypt and Germany co-operation 19 Nov 2019.
5. The 1<sup>st</sup> annual Conference of the faculty of Medicine, Kafrelsheikh University 20 Feb 2020.
6. Attending an international workshop to develop cancer stem cells and the drug delivery system that was held at Kafr El-Sheikh University, Faculty of Medicine on November 26, 2019.
7. The 37<sup>th</sup> Annual & 9<sup>th</sup> International Congress Tanta Faculty of Medicine 26-29/Jul/-2022

#### **Funded Research Projects**

1. «Evaluation of PCR in diagnosis of *Schistosoma Mansoni* in low endemic area in Kafrelsheikh » WHO / EMRO funded project (SGS 16-27). Role: Co-Investigator.
2. «Determinants of *Schistosoma mansoni* transmission in hotspots at the late stage of elimination, Kafr El Sheikh governorate». Project funded by: Joint EMRO/TDR Small Grants Scheme for Implementation Research in Communicable Diseases. Role: Co-Investigator.

#### **Submitted Research Projects**

Principle investigator in proposal Entitled (Updating praziquantel effectiveness and associated persistence risk factors in two *Schistosoma mansoni* endemic areas: Human, malacological and experimental study), submitted in program (One Health Research and Innovation Grant (OHRIG)), call ( 1).

#### **Papers:**

1. Evaluation of Praziquantel Effectiveness After Decades of Prolonged Use in an Endemic Area in Egypt (2020)

2. Detection and molecular identification of *Blastocystis* isolates from humans and cattle in Northern Egypt: the potential for zoonotic transmission. (2021)
3. Genotypic patterns of *Giardia intestinalis* among children in representative localities in Alexandria, Beheira, and Kafr El Sheikh governorates in Egypt: A cross sectional study.(2021)
4. Pentatrichomonas hominis and other intestinal parasites in school-aged children: coproscopic survey (2022)
5. Comparison of gdh polymerase chain reaction-restriction fragment length polymorphism and tpi assemblage-specific primers for characterization of Giardia intestinalis in children. (2022)
6. Evaluation of faecal lactoferrin as a morbidity biomarker in Schistosoma mansoni infection (2022)
7. Efficacy of Nitazoxanide, Nitazoxanide-Garlic Combination and Tinidazole in Treatment of Giardia duodenalis and Blasto-cystis hominis: Coproscopic Assessment (2023)
8. Determinants of *Schistosoma Mansoni* Transmission in Hotspots at Late Stage of Elimination, Kafr El Sheikh Governorate. (2022)
9. Therapeutic efficacy of albendazole and berberine loaded on bovine serum albumin nanoparticles on intestinal and muscular phases of experimental trichinellosis (2023)

#### **References**

1. Prof. Dr Hosny El-Adawy: Friedrich-Loeffler-Institut, Institute of Bacterial Infections and Zoonoses, Naumburger Str. 96a, 07743, Jena, Germany. Prof at Faculty of Veterinary Medicine, Kafrelsheikh University, Kafr El-Sheikh, 35516, Egypt.
2. Hend Aly El- Taweel: Prof of Parasitology, Medical Research Institute, Alexandria University, Egypt