

CURRICULUM VITAE

Dr. Marwa Ghallab

PERSONAL DATA:

Name : Marwa mohammed Ibrahim Ghallab.

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Date of birth : January 15th .1984.

Marital status : married (has three children).



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EDUCATIONAL HISTORY:

2023 still running	- Master degree of Medical Education- Ain Shams University
2023	- Fellowship in Medical Education: Foundation for Advancement of International Medical Education and Research, MENA-FRI: Middle East North Africa, FAIMER regional institute, Ain Shams University, Cairo, Egypt.
2020	- Advanced Professional Embryology Certification Program (APEC), Banha University, Cairo, Egypt.
2019	- Diploma in clinical Nutrition, National Institute of health, Cairo, Egypt.
2018-2019	- Diploma in hospital management, Faculty of Commerce, Kafrelsheikh University, Egypt.
2013-2017	- MD degree in Medical Parasitology
2010 - 2013	- Master of basic medical science (MSc) in Medical Parasitology. - Medical parasitology department, faculty of Medicine, Kasr Al Ainy school of Medicine, Cairo, Egypt.
2000- 2006	- Bachelor of Medicine, Bachelor of Surgery (M.B.B.Ch). - Faculty of Medicine, Kasr Al Ainy school of Medicine, Cairo, Egypt.

WORKING EXPERIENCE:

4 th October 2022 till now	- Faculty of Medicine, Kafrelsheik University, Faculty of Medicine. - Associate professor of Medical Parasitology.
September 2017 – October 2022	- Faculty of Medicine, Kafrelsheik University, Faculty of Medicine. - Lecturer of Medical Parasitology.
Mars 2014 – September 2017	- Kafrelsheik University, faculty of medicine. - Assistant lecturer of Medical Parasitology.
December 2013- Mars 2014	- Kafrelsheik University, faculty of medicine. - Demonstrator of Medical Parasitology.
June 2010- December 2013	- Faculty of Medicine, Kasr Al Ainy school of Medicine. - Demonstrator of Medical Parasitology.
March 2008 – June 2010	- Kafrelsheik general hospital, Ministry of health. General practitioner.

ADMINISTRATIVE POSITIONS:

- ✚ Responsible for program and academic slandered in Quality assurance Unit team from 2015 till now.
- ✚ Director of Medical Education Unit, Kafrelsheikh University, Faculty of Medicine, Egypt from 26th MARS 2020 till now.
- ✚ Head of Medical Parasitology department from Kafrelsheikh University, Faculty of Medicine, Egypt from 6th November 2022 till now.
- ✚ Director of Management, Evaluation and E- Exam center, Kafrelsheikh University from 27th August 2023 till now.

Teaching experience:

- ✚ Teaching Medical Parasitology undergraduate students, Faculty of Medicine.
- ✚ Teaching of Medical Parasitology postgraduate students, Faculty of Medicine.
- ✚ Teaching Medical Parasitology undergraduate students, Faculty of Nursing.
- ✚ Teaching hospital management undergraduate students, Faculty of Medicine.
- ✚ Teaching of Medical education undergraduate students, Faculty of

Medicine.

- ✚ **Teaching of communication skills undergraduate students, Faculty of Medicine.**

PROFESSIONAL MEMBERSHIP:

- ✚ **Egyptian Parasitologist united (EPU).**
- ✚ **Egyptian Arabic Society of Healthy and Therapeutic Nutrition (EASHTN).**
- ✚ **Egyptian society of Medical Education (ESME).**

ATTENDED TRAINING PROGRAMS

- 1. Attendance of the training program of: Bright field microscopy: handling, calibration & accurate measuring.**
Medical parasitology department, faculty of Medicine, Kasr Al Ainy school of Medicine, Cairo, Egypt.
1st January- 30 Mars 2013Cairo, Egypt.
- 2. Attendance of the training program of: Molecular medical parasitology.**
Medical parasitology department, faculty of Medicine, Kasr Al Ainy school of Medicine, Cairo, Egypt.
18 December 2012- 20 Mars 2013Cairo, Egypt.
- 3. Attendance of the training program of: Stool & urine analysis**
Medical parasitology department, faculty of Medicine, Kasr Al Ainy school of Medicine, Cairo, Egypt.
15 January- 25Mars 2014Cairo, Egypt.
- 4. Completion of basic certificate of medical education, 5th March-16th July 2018, MEDC, Faculty of Medicine- Cairo University, Egypt.**
- 5. Completion of the professional development program: teaching excellence in Egyptian medical education from April to December of 2018, Egyptian knowledge bank, Supreme council of universities and military medical academy.**
- 6. Completion of the Advanced Professional Embryology Training Program, 2020, Evidence Based Women's Health Society, Egyptian Society of**

Embryology and Assisted Reproduction and Banha University Obour Campus.

- 7. Attended the training program of International Standard for Governance Management Systems IS 37000-2021 from 27th February to 2nd of April 2022.**
- 8. Attended the training program of International Standard for Quality Management Systems 2015-ISO from 10th Mars to 7th April 2022.**
- 9. Attended the training program of The International Standard for Innovation Management Systems 2019-I from 22nd June to 21st July 2022.**
- 10. Attended the Program entitled: The educational course for strategic studies and national security no (82). National defense college, Nasser Higher Military Academy, 22nd -27th October 2022.**
- 11. Attended the Program entitled: Clinical teaching and assessment in Medical Education. Ministry of Higher Education, Supreme council of Universities and Egyptian Knowledge bank, and Supreme Council of University Hospitals, December 2022- May 2023.**
- 12. Attended the Program entitled: Anti-corruption and governance, administrative oversight, National Anti-Corruption Academy, 10th -12th October 2023.**
- 13. Attended the Program entitled: Training of trainers (TOT), National institute of Governance and sustainable development, 18th -24th October 2023.**
- 14. Attended the Program entitled: MAWADA, Ministry of Social Solidarity and Ministry of higher education, 5th -6th July 2024.**
- 15. Attended the Program entitled: Competency based Medical Education, Manchester- Mansoura, Faculty development program. Mansoura, Egypt. 2nd- 3rd December 2024.**

WORKSHOPS ATTENDED:

- 1. Organizer of the workshop entitled: Lab diagnosis of intestinal protozoa (oo) cysts: Updated faecal microscopy.**
Medical parasitology department, faculty of Medicine, Kasr Al Ainy school of Medicine, Cairo, Egypt. 12 Mars, 2012- Cairo, Egypt.
- 2. Organizer of the workshop entitled: Copro-DNA extraction & its implementation: Genetic Faecal biomarker.**
Medical parasitology department, faculty of Medicine, Kasr Al Ainy school of Medicine, Cairo, Egypt. 26 May 2012- Cairo, Egypt.
- 3. Organizer of the workshop entitled: Nested PCR-RFLP/ Molecular identification of Protozoa genotypes.**
Medical parasitology department, faculty of Medicine, Kasr Al Ainy school of Medicine, Cairo, Egypt. 13-14 October 2012- Cairo, Egypt.
- 4. Attendance of the workshop entitled: Biomedical statistics (Basic level).**
Medical parasitology department, faculty of Medicine, Kasr Al Ainy school of Medicine, Cairo, Egypt. 22 -23December, 2012- Cairo, Egypt.
- 5. Organizer of the workshop entitled: Faecal examination for successful identification of Helminthic diagnostic stages.**
Medical parasitology department, faculty of Medicine, Kasr Al Ainy school of Medicine, Cairo, Egypt. 16th April 2013- Cairo, Egypt.
- 6. Organizer of the workshop entitled: PCR for blood parasites.**
Medical parasitology department, faculty of Medicine, Kasr Al Ainy school of Medicine, Cairo, Egypt. 15-16 June 2013- Cairo, Egypt.
- 7. Attendance of the workshop entitled: Educational program specification.**
Quality assurance center, Kafrelsheikh University, Egypt.
27 August 2014.
- 8. Attendance of the workshop entitled: PCR primers design.**

Medical parasitology department, faculty of Medicine, Kasr Al Ainy school of Medicine, Cairo, Egypt. 29th November 2014- Cairo, Egypt.

9. Attendance of the workshop entitled: Sequence to phylogeny.

Medical parasitology department, faculty of Medicine, Kasr Al Ainy school of Medicine, Cairo, Egypt. 29th November 2014- Cairo, Egypt.

10. Attended the workshop entitled: knowledge-based assessment: Best practice in item writing, Medical Military academy, Cairo, Egypt on 13th March 2019.

11. Attended the workshop entitled: Advanced knowledge-based assessment: Validity and QA, Medical Military academy, Cairo, Egypt on 14th- 15th March, 2019.

12. Attended the workshop entitled: teaching excellence in Medical Education; Delivering a programmatic assessment in Medical Education, Medical Military academy, Cairo, Egypt on 22nd September 2019.

13. Attended the workshop entitled: teaching excellence in Medical Education; OSCE/ OSPE assessment design and implementation in Egypt, Medical Military academy, Cairo, Egypt on 23 -24 September 2019.

14. Attended the workshop entitled: Experience-Based Learning in the Clinical Environment on the 19th, November 2020.

15. Attended the webinar entitled: Role of Pathology & electron microscopy in medical practice, 11th December 2020.

16. Attended the webinar entitled: new trends in Parasitology, environmental research and Malacology, 11th December, 2020.

17. Attended the webinar entitled: recent advances in nanotechnology and drug discovery, 12th December 2020.

18. Attended the webinar entitled: Liver diseases in special situation, 12th December 2020.

19. Attended the webinar entitled: Recent research in molecular biology and

tissue engineering, 12th December 2020.

- 20.** Attended the webinar entitled: Advanced kidney care, 12th December 2020.
- 21.** Attended the scientific day entitled: educational management challenges and tools, Ain Shams University Middle East North Africa FAIMER Regional Institute and Delta University, 15th February 2021.
- 22.** Attended the workshop entitled: Medical sector assessment, Measurement and Assessment center, higher education project management Unit, 25th April 2021.
- 23.** Attended the workshop entitled: Strategic Planning for Colleges and Institutes of Higher Education, National authority of quality assurance and accreditation of Education, 20th -21st of September 2023.
- 24.** Attended the workshop entitled: Self-assessment for Colleges and Institutes of Higher Education, National authority of quality assurance and accreditation of Education, 24th -26th of September 2023.
- 25.** Attended the workshop entitled: Program and Course specification for Colleges and Institutes of Higher Education, National authority of quality assurance and accreditation of Education, 1st -2nd October 2023.
- 26.** Attended the workshop entitled: Teaching and Effective Learning Strategies for Colleges and Institutes of Higher Education, National authority of quality assurance and accreditation of Education, 4th -5th of October 2023.
- 27.** Attended the workshop entitled: Evaluation Systems and Student Assessment for Colleges and Institutes of Higher Education, National authority of quality assurance and accreditation of Education, 4th -5th of October 2023.
- 28.** Attended the workshop entitled: External review for Colleges and Institutes of Higher Education, National authority of quality assurance and accreditation of Education, 13th -15th of February 2024.
- 29.** Attended the workshop entitled: Identification of Parasites In Tissue

Specimens, Kasr Al- Ainy School of Medicine, Cairo University, June 15th 2024.

30. Attended the workshop entitled: Identification of Parasites in Tissue Specimens, Kasr Al- Ainy School of Medicine, Cairo University, June 15th, 2024.

31. Attended the workshop entitled: Highlights of parasitological infections, Kasr Al- Ainy School of Medicine, Cairo University, June 24th, 2024.

ATTENDED CONFERENCES:

- 1.** Attendance of the 3rd conference of Egyptian Parasitologists united society, In association with INSTAND/WHO. Parasitology: Everlasting Development. 10-11 October 2012- Cairo, Egypt.
- 2.** Speaker in 24th annual conference of the Egyptian society of laboratory Medicine –ESLM 2013. Laboratory Medicine: Clinician- Friendly Approach. 13-15 April 2013- Cairo, Egypt.
- 3.** Participant in the activities of the 4th conference of Egyptian Parasitologists united, Parasitology: Challenges and Innovative Approaches. 15-16 November 2014.
- 4.** Coordinator of the 40th Annual international conference of Egyptian society of Histology and Cytology. 29th December 2016.
- 5.** Participant in the activities of the 5th conference of Egyptian Parasitologists united, Parasitosis: A multidisciplinary Approaches. 24-25 March 2018.
- 6.** Attended the 1st Banha faculty of Medicine Quality Conference, 1st- 3rd October 2018.
- 7.** Organizer of 1st Faculty conference: Kafrelsheikh Medicine: Achievements and Future goals, 20th February 2020.
- 8.** Attended TBRI 2020 Virtual Annual Conference: Research & Clinical Practice, The American association of continuing medical education, 10th-

12th December 2020.

9. The conference of Nutrition to support “The 100 million healthy lives initiatives”, 1st -2nd April 2021.
10. Attended the 9th annual Ain Shams University international conference 6th-8th April 2021.
11. Organizer and speaker of 2nd Faculty conference: Kafrelsheikh health care services growth, 25th March 2022.
12. Attended the 1st international medical education conference, SCUIMEC, Faculty of Medicine, Suez Canal University, Ismailia, Egypt. 30th and 31st March 2022.
13. Attended the 10th international conference, Faculty of Medicine, Tanta University, Egypt. 4th -7th July 2023.
14. Attended the VIth Conference of Egyptian parasitologists united society, Parasitic infections: exploring innovations. 13th -14th October ,2023.
15. Attended Mansoura Medical Parasitology Conference “Parasitology Update”, Faculty of Medicine, Mansoura University, Egypt. 21st October ,2023.
16. Attended the 1st annual international conference for application of Artificial intelligence in health care, Faculty of Medicine, Suez Canal University, Ismailia, Egypt. 24th -25th April 2024.

ABSTRACT:

1. **Molecular identification and copro-prevalence of *Cryptosporidium* species in Egyptian children.**
MMI Ghallab
Cairo University 2013.

PUBLICATIONS:

- 1. Molecular identification and copro-prevalence of cryptosporidium species in Egyptian children**
MMI Ghallab (2013)
Cairo University
- 2. Laboratory utility of coproscopy, copro immunoassays and copro nPCR assay targeting Hsp90 gene for detection of Cryptosporidium in children, Cairo, Egypt**
MMI Ghallab, IZA Aziz, EY Shoeib, AA El-Badry
Journal of Parasitic Diseases 40 (3), 901-905 (2016).
- 3. Cryptosporidium genotypes and associated risk factors in a cohort of Egyptian children**
AA El-Badry, IZA Aziz, EY Shoeib, MMI Ghallab
Comparative Clinical Pathology 26 (5), 1017-1021(2017).
- 4. High-resolution Melting Curve (HRM) analysis in genotypic discrimination of Cryptosporidium isolates from stool of Egyptian children**
MMI Ghallab, MM Khater, KM Tyler, M Bouzid, AK Abd Elmegied
(2019)
Journal of the Egyptian Society of Parasitology 48 (3), 557-562.
- 5. Helicobacter pylori co-infected with common intestinal Protozoa in gastrointestinal symptomatic patients.**
MMI Ghallab, SM Morsy (2020).
Journal of the Egyptian Society of Parasitology 50 (2), 390-393.
- 6. Impact of risk factors on the epidemiological prevalence of Giardia lamblia assemblages in kafrelsheikh governorate, Cairo, Egypt.**
SM Morsy, MMI Ghallab (2020)
Journal of the Egyptian Society of Parasitology, 50 (3), 575- 579.
- 7. Therapeutic effect of chitosan nanoparticles and metronidazole in treatment of experimentally giardiasis infected hamsters**
AML El-Gendy, MAA Mohammed, MMI Ghallab (2021)
Iranian Journal of Parasitology, 16 (1), 32.

- 8. Multiattribute analysis of *Trichomonas vaginalis* diagnostics and its correlation with clinical complaints and contraceptive methods in a symptomatic Egyptian cohort**
MMI Ghallab, D Alaa, SM Morsy (2021)
Infectious Diseases in Obstetrics and Gynecology.
- 9. Seroprevalence of *Toxoplasma gondii* in schizophrenic patients versus healthy individuals and its possible impact on human serum dopamine level.**

SM MORSY, MAM ISMAIL, MMI GHALLAB (2021)
Journal of the Egyptian Society of Parasitology 51 (2), 365-370.
- 10. Evaluation of *Annona muricata* (Graviola) leaves activity against experimental trichinellosis: in vitro and in vivo studies**
MMI Ghallab, E S El-Wakil, H F Abdelmaksoud, T S AbouShousha (2021)

J Helminthology 95 (10.1017/S0022149X21000481)
- 11. Association between molecularly detected *Entamoeba* species and fecal calprotectin level among a cohort of diarrheic patients**
S Morsy, T Haydara, M Ghallab (2022)

Parasitologists United Journal 15 (1), 86-91
- 12. Cryptosporidiosis: molecular analysis, risk factors and seasonal abundance in immunocompetent and immunocompromised patients, Kafrelsheikh university hospitals**
MMI GHALLAB, MAM ISMAIL, T HAYDARA, SM MORSY (2022)

Journal of the Egyptian Society of Parasitology 52 (1), 117-122
- 13. Pentatrichomonas hominis and other intestinal parasites in school-aged children: coproscopic survey**
SM Abdo, MMI Ghallab, NM Elhawary, H Elhadad (2022)

Journal of Parasitic Diseases 46 (3), 896-900.
- 14. Genotype diversity, phylogenetic analysis and seasonality of isolates of *Acanthamoeba* spp. in swimming pools in Kafrelsheikh, Egypt**
ES El-Wakil, HS El-Kholy, RE El-Araby, MMI Ghallab (2022)

Folia Parasitologica 69, 1-5

- 15. Prevalence and influencing factors of self-medication during the COVID-19 pandemic in the Arab region: a multinational cross-sectional study**
AE Abdelwahed, MM Abd-Elkader, A Mahfouz, MO Abdelmawla, (2023)
BMC public health 23 (1), 1-11
- 16. Efficacy of Nitazoxanide, Nitazoxanide-Garlic Combination and Tinidazole in Treatment of Giardia duodenalis and Blastocystis hominis: Coproscopic Assessment**
SM Abdo, MMIG Ghallab, MS Zaghloul, H Elhadad (2023)
Iranian Journal of Parasitology 18 (1), 48-55
- 17. Biochemical and Microbiological Interactions of Molecularly Detected Blastocystis hominis: a cross-sectional study**
Saftawy, Enas & Ghallab, Marwa & Haydara, Tamer & Ibrahim, Asmaa & Atta, Shimaa & Allah, Reham & Kamel, Marwa & Morsy, Salwa. (2023)
Parasitologists United Journal 16 (3), 183-191
- 18. Annona muricata Leaf as an Anti-Cryptosporidial Agent: An In Silico Molecular Docking Analysis and In Vivo Studies.**
El-Wakil ES, Abdelmaksoud HF, Wakid MH, Alsulami MN, Hammam O, Albohri HH, Ghallab MMI. (2023)
Pharmaceuticals. 16(6):878
- 19. Opportunistic protozoa coinfecting with Helicobacter pylori AMONG Egyptian diabetic patients**
Salwa M Morsy, Marwa MI Ghallab, Mousa AM Ismail, Amira R Ismail (2024)
Parasitologists United Journal 54 (1), 103-108.
- 20. Microscopy detection and molecular characterization of Giardia duodenalis infection in outpatients seeking medical care in Egypt.**
Elmahallawy EK, Gareh A, Ghallab MMI, Köster PC, Dashti A, Aboelsoued D, Toaleb NI, Alzaylaee H, González M, Saleh AA, Alhegaili AS, Eldehn AF, Hernández-Castro C, Bailo B, González-Barrio D, Carmena D. (2024)
Frontiers in Public Health 12, 1377123.

THESIS SUPERVISION:

- 1. Assessment of the therapeutic effect of chitosan nanoparticles in treatment of giardiasis in experimentally infected hamsters (2019).**
Master thesis, Medical Parasitology, Zagazik University, Egypt.
- 2. Assessment of lymphatic filariasis transmission in alkorain village, sharqia, Egypt, after cessation of mass drug administration.**
MD thesis, Medical Parasitology, Banha University, Egypt.
- 3. Therapeutic efficacy of recombinant cecropin B peptide in treating experimental trichinellosis: in vivo study**
Master thesis, Medical Parasitology, Kafrelsheikh University, Egypt.
- 4. Recombinant cecropin B peptide efficacy on cryptosporidiosis in infected mice: an experimental study**
Master thesis, Medical Parasitology, Kafrelsheikh University, Egypt.

Peer reviews:

- 1. Cystoisospora belli infection in a renal transplant recipient in a university hospital.**
Journal of Infection in Developing Countries, 2020-08-01.
- 2. Right Thigh Hydatid Cyst In a 9-Year-Old Girl: a challenging diagnosis,**
Journal of Infection in Developing Countries, 2021-06-20.
- 3. Bacteriological, parasitological and chemical pollution of Nile River water at some Greater Cairo stations.**
International Journal of Environmental Studies, 2021-06-07.
- 4. Differences in the microbial profile in South African pregnant women with Trichomonas vaginalis and Chlamydia trachomatis infections**
Infectious Diseases in Obstetrics and Gynecology 23 Jun 2021
- 5. Comparison of three methods for diagnosing trichomoniasis in female patients with sexual activity attended at a hospital in Peru**
Journal of Parasitology Research 25 Jul 2023

6. Impact of *Toxoplasma gondii* infection on serum neurotransmitter levels in major depressive disorder patients: A hospital-based case-control study in Bangladesh

Journal of Parasitology Research 27 Aug 2024

7. "Expanding the Antiprotozoal Activity and the Mechanism of Action of n-Butyl and iso-Butyl Ester of Quinoxaline-1,4-di-N-oxide Derivatives against *Giardia lamblia*, *Trichomonas vaginalis*, and *Entamoeba histolytica*. An in vitro and in silico Approach".

Journal Of Enzyme Inhibition and Medicinal Chemistry 18-Sep-2024

8. Genetic Diversity and Population Dynamics of *Clinostomum* spp. using comprehensive bioinformatics approaches.

Veterinary Medicine International 27 Sep 2024.

REFERENCES:

✓ **Prof. Dr Ayman A. El-Badry, M.D**

- **Prof of Medical Parasitology & Lab consultant (King Fahad Hospital of the University)**
- **Department of Microbiology, College of Medicine, Imam Abdulrahman Bin Faisal University (Previously named Dammam University)**
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