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# Curriculum Vitae

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(2016/1/26)

## Personal Details

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Name: Hend Aly Mohammed El-Taweel.

Date of Birth: 26/8/1968

Country of Birth: Egypt

Job: Professor, Parasitology Department, Medical research Institute (MRI) , Alexandria University.

## Contact

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Address: 91 Ahmed Shawky Street, Moustafa Kamel, Alexandria, Egypt.

Telephone: 5228448.

e-mail: hend\_omn@hotmail.com

Mobile: 0125767880.

## Affiliation

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Current & previous posts held:

- Medical Research Institute. Professor of Parasitology since 1-8-2015
- Assistant Professor of Parasitology ( 25/9/2007- 30/7/2015)

- Lecturer of parasitology (September 2002- September2007)
- Assistant Lecturer of parasitology (January1998- September2002)
- Demonstrator: July1994- January1998 .
- General Practitioner: March 1993-July1994 Ministry of health.
- House Officer: March 1992-February1993, Alexandria main University Hospital.

## Qualification

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- M.B.B.ch. faculty of medicine, Alexandria University
- Master of Public Health (Parasitology and Medical Entomology) High Institute of Public Health,, Alexandria University
- Doctor of Public Health (Parasitology and Medical Entomology) High Institute of Public Health Alexandria University.

## Courses, Meetings & Conferences

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- Staff member in the projects entitled:
  - Triclabendazole in the treatment of established human fascioliasis
  - Morbidity due to single and combined hepatosplenic schistosomiasis and fascioliasis in the vicinity of Alexandria, Egypt.
  - A study on mirazid in treatment of human schistosomiasis and fascioliasis. Sponsored by Pharco Pharmaceutical Company.

- Efficacy of triclabendazole in patients coinfecting with fascioliasis and schistosomiasis. Sponsored by WHO.
- A study on the safety profile of TBZ (Egaten) in fascioliasis. Sponsored by WHO
- Membership in The Egyptian Society of Parasitology and The Egyptian Association of Advancement of Medical Basic Sciences.
- Membership of committees of MRI.

#### Workshops:

- Exams and students in the education systems. February 11-12, 2014, FLDC, Alexandria University.
- Strategic planning: February 22-23, 2012 FLDC, Alexandria University.
- Bioinformatics. Pharos University, Egypt. September 2012.
- Molecular techniques. 26-29 February 2012, MRI, Alexandria University.
- Gene polymorphism: 16 February 2012, MRI, Alexandria University.
- Genotyping of parasites: 30-31 March 2009. Microbiology Immunology unit, El-Azhar University.
- Workshop on Epidemiology, Diagnosis and Management of schistosomiasis. December 15<sup>th</sup>, 1997.
- Thinking skills, September 24-27, 2005, Faculty and leadership development center (FLDC), Alexandria University.
- Code of ethics, October 22-24, 2005, FLDC, Alexandria University.
- New Trends in teaching, April 15-17, 2006, FLDC, Alexandria University.

- Writing scientific paper and international publication, June 24-26, 2006, FLDC, Alexandria University.
- Preparing research project, January 30- February 1- 2007, FLDC, Alexandria University.
- Teaching with technology, August 18-20,2007, FLDC, Alexandria University.

## Publications

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1. El-Sayad M, Abu Helw S, **EL-Taweel HA**, Aziz M. Antiparasitic activity of mirazid, myrrh total oil and nitazoxanide compared to praziquantel on *Schistosoma mansoni*; scanning electron microscopic study. Iran J parasitol. 2017;12:446-452
2. **El-Taweel HA**, El-Sayad M H, Abu Helw S A, Al-Kazzaz AM. Comparative parasitological and electron microscopic studies on the effects of Nitazoxanide and Praziquantel in *Schistosoma mansoni*-infected mice. ***International Journal of Pharmacology and Toxicology* 2016 4 (2), 228-234.**  
doi:<http://dx.doi.org/10.14419/ijpt.v4i2.6822>
3. **El-Taweel HA**. Understanding drug resistance in human intestinal protozoa. Parasitol Res. 2015 May; 114(5):1647-59
4. Hamza H, **El-Taweel H**, Abou-Holw S, Khalil S, Wagdy E. *Toxoplasma gondii* seropositivity in renal patients: rate, pattern, predictors and related morbidity. J Egypt Soc Parasitol. 2015 Apr; 45(1):7-15.
5. El-Sayed AA., **El-Taweel HA**, Sahar A. Abou Holw, Safi a S. Khalil. Microsporidia in diarrheic patients: detection and evaluation of intestinal inflammation and

- malabsorption. Parasitologists United Journal 2014; 7 (2):116-121.
6. El Sayad M, Abou Holw S, Yassine O, **El-Taweel H**. Heterophyid metacercariae in free living and farmed fish of El-Max Bay, West of Alexandria, Egypt. Parasitologists United Journal 2014; 7 (2):110-115.
  7. Tolba MM, El-Taweel HA, Khalil SS, Hazzah WA, Heshmat MG. Genotype analysis of *T. gondii* strains associated with human infection in Egypt. Parasitol Res;2014, 113(4):1563-1569
  8. El Sayad M H, **El-Taweel HA** , El- Banna S G. Evaluation of some micronutrients, antioxidant biomarkers and total antioxidant capacity in human giardiasis. Parasitologist United Journal; 2011, 4(2): 211-218.
  9. **El-Taweel HA**, Tolba M, Sadaka H, El-Zawawy L, Osman M. Zinc PVA versus potassium dichromate for preservation of microsporidia of human origin . Parasitol Res; 2012, 111:689–694. (personated at the conference of the American Society of Parasitology, Virginia, USA 2012)
  10. Osman MM, **El-Taweel HA**, Shehab AY , Farag HF. Ineffectiveness of myrrh-derivative mirazid against schistosomiasis and fascioliasis in humans. Eastern Mediterranean Health Journal 2010; 16 (No. 9):812-816.
  11. Al-Shibani LA, Azazy AA, **El-Taweel HA** Cryptosporidiosis and other intestinal parasites in 3 Yemeni orphanages: prevalence, risk, and morbidity. J Egypt Soc Parasitol. 2009; 39(1):327-337.
  12. Al-Kilani MK, Dahesh SM, **El-Taweel HA**. Intestinal parasites in Nalout popularity, western Libya. J Egypt Soc Parasitol. 2008 ; 38(1):255-264.

13. Al Kilani MK, Dahesh SM, **El Taweel HA**. Human urinary parasites in Nalout popularity, Libya. J Egypt Soc Parasitol. 2008 ; 38(2):393-8.
14. **El-Taweel HA**, Abou-Holw SA. Use of a non-mercury containing fixative for diagnosis of giardiasis. J Egypt Soc Parasitol. 2008; 38(1):65-72.
15. Abou Holw SA, Anwar MM, Bassiouni RB, Hussen NA, **El-Taweel HA** .Impact of coinfection with *S.mansoni* on *H.pylori* induced disease. J Egypt Soc Parasitol. 2008 ; 38(1):73-84.
16. **El-Taweel HA**, Abou Holw SA, Elabd EA, Shehab AY. Levels of growth hormone albumin and ferritin in human fascioliasis and Schistosomiasis. J Egypt Soc Parasitol. 2007;37(2):659-70.
17. **El-Taweel HA**, Abou-Holw SA, Ghoniem HM. Alteration in circulating s-Fas in pregnant woman serologically positive for anti-*Toxoplasma* antibodies. J Egypt Soc Parasitol. 2007; 37(2):511-21.
18. Abou Holw SA, **El-Taweel HA**, Elabd EA, Osman MM. Serum gastrin level in patients with schistosomiasis and fascioliasis. J Egypt Soc Parasitol. 2007 ;37(1):299-312.
19. **El-Taweel HA**, El-Zawawy LA, Said DE, Sharara GM. Influence of the antioxidant drug (antox) on experimental giardiasis and microsporidiosis. J Egypt Soc Parasitol. 2007;37(1):189-204.
20. Abou-Shousha SA, **El-Taweel HA**, Allam AF, Hussein MZ. Interleukin-8, P-selectin and nutritional status in asymptomatic *Cryptosporidium* -infection among school children. Journal of the Medical Research Institute. 2005; 26 (3):226-221.

21. **El-Taweel HA** .Interferon- $\gamma$ , tumor necrosis factor- $\alpha$  and interleukin-4 in chronic toxoplasmosis. Journal of the Medical Research Institute.2004; 25(1):71-79.
22. Khalil SS, **El-Taweel HA**, Salem A I. *Entamoeba histolytica* and *Entamoeba dispar* infections: parasitological and immunological comparative studies. Egyptian Journal of Medical Science. 2000;21(2):357-365.
23. El-Morshedy HA, El-Sahn F ,Abo El-Hoda M, **El-Taweel HA**, Barakat R. Intestinal parasitic infection among diarrhoeic preschool children : infection determinants and its impact on nutritional status. Bulletin of the High Institute of Public Heath.1997; 27(2):183-194.

## Supervision of Thesis

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Master theses:

- Evaluation of a novel technique for isolation and preservation of microsporidia. Faculty of medicine, Alexandria University.
- Study of some markers of intestinal inflammation and malabsorption in stools of patients infected with microsporidia. Medical research institute, Alexandria University.
- Efficacy of Nitazoxanide, praziquantel and Myrrh total oil in experimental schistosomiasis. Medical research institute, Alexandria University.
- Toxoplasmosis in patients with chronic kidney diseases.
- Evaluation of formalin ethyl acetate, percoll sedimentation technique and ELISA for detection of cryptosporidiosis in fecal samples
- Amel Abd el-Wahab: Study of some markers of intestinal inflammation and

malabsorption in stools of patients infected with microsporidia. Medical research institute, Alexandria University.

- Mohammed Aziz: Efficacy of Nitazoxanide, praziquantel and Myrrh total oil in experimental schistosomiasis. Medical research institute, Alexandria University.
- Hagar Hamza: Toxoplasmosis in patients with chronic kidney diseases.
- Abd el-Salam: Evaluation of formalin ethyl acetate, percoll sedimentation technique and ELISA for detection of cryptosporidiosis in fecal samples.
- Mervat Gamal: Efficiency of pooled human stool samples in detection of *Giardia Lamblia* coproantigen.
- A study of protozoal contaminants in drinking water and their relation to diarrhea among children in a rural area.
- Antibody response to *Helicobacter pylori* and assessment of biochemical and hematological parameters in patients with *Helicobacter pylori* and *Schistosoma mansoni* single or combined infection
- Molecular typing of *Blastocystis hominis* in symptomatic and asymptomatic infected individuals in Alexandria.

**Ph D thesis:**

- Molecular typing of *Toxoplasma gondii* strains in patients with toxoplasmosis using GRA6 gene.

**Experiences:**

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- Participation in teaching Medical Parasitology for post graduate students in MRI since 2002.
- Participation in teaching courses for the following postgraduate study programs since 2008.: Diploma in Experimental and Clinical Parasitology, -Master Degree in Applied and Molecular Parasitology and Ph.D. Degree in Applied and Molecular Parasitology.

Courses include basic parasitology, epidemiology of parasitic diseases, immunology of parasitic diseases, advanced parasitology, field studies in parasitic diseases clinical parasitology , prevention and control of parasitic diseases.and diagnostic parasitology.

- Teaching Medical Parasitology course for undergraduate students of the Faculty of Nursing.
- Participation in Laboratory work for diagnosis of parasitic infections among patients attending the parasitology Department, MRI.
- Participation in training laboratory workers and lab specialists and chemists on basic parasitological techniques .
- A Reviewer for the manuscripts in my interest for the following Journals: Journal of Taibah University for Science, K.S.A. Mini-reviews in Medicinal Chemistry, Jordan Journal of biological science, Journal of Veterinary Medical Association, International Journal of Entomological Research.