

CURRICULUM VITAE

PERSONAL DATA:

Name: Samar Nagah El-Beshbishi

Date of Birth: 8th September, 1967

Gender: Female

Nationality: Egyptian

Home address: Villa 57, Dr. Yassin Abdel Ghaffar St., 4th District, El Shorouk City (2),
Cairo-Egypt.

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Current Position: Chairman of Medical Parasitology Department, Faculty of Medicine,
Mansoura University, Egypt, since **December 2020**.

EDUCATION:

1. **Doctorate of Basic Medical Science in Medical Parasitology (Ph.D.), April 2004**, Faculty of Medicine, Mansoura University, Mansoura, Egypt. Thesis "Specific circulating immune-complexes in schistosomiasis mansoni."
2. **Master of Basic Medical Science in Medical Parasitology (M.Sc.), May 1996**, Faculty of Medicine, Mansoura University, Mansoura, Egypt. Grade "Very Good". Subsidiary study of Microbiology and Immunology. Thesis "The entero-test versus coprologic examination in the detection of upper intestinal parasitic stages".
3. **Medical Degree (M.B.B.Ch.), November 1990**, Faculty of Medicine, Mansoura University, Mansoura, Egypt. Grade "Very Good with Honor".

EMPLOYMENT HISTORY:

1. **Member of Medical Education Department**, Faculty of Medicine, Mansoura University-Egypt. **May 2021-present**
2. **Professor of Medical Parasitology**, Faculty of Medicine, Mansoura University-Egypt. **July 2014-present**
3. **Associate Professor of Medical Parasitology**, Faculty of Medicine, Mansoura University-Egypt. **July 2009-2014**
4. **Post-Doctoral Fellow**, Department of Pathology, UTMB, Galveston, Texas-U.S.A. **September 2007- 2008**
5. **Lecturer of Medical Parasitology**, Faculty of Medicine, Mansoura University- Egypt. **July 2004-2009**
6. **Graduate student**, sponsored by the Egyptian Ministry of High Education as a part of Internal Mission Program, Pathology Department, WHO Collaborating, Center for Tropical Diseases, UTMB, Galveston, Texas-U.S.A. **July 2001-August 2003**

7. Assistant Lecturer of Medical Parasitology, Faculty of Medicine, Mansoura University-Egypt.

August 1996-July 2004

8. Demonstrator of Medical Parasitology, Faculty of Medicine, Mansoura University-Egypt.

May 1993-August 1996

9. Resident, Mansoura University Hospital, Emergency Department-Egypt.

November 1992-May 1993

10. General Practitioner, Ministry of Health Hospitals-Egypt.

March 1992-November 1992

11. House officer, Mansoura University Hospitals-Egypt.

March 1991-February 1992

PROFESSIONAL MEMBERSHIPS:

- Scientific committee of Medical Parasitology (9 members) for the promotion to the position of Associate Professor and Professors as assigned from Supreme Council of Universities (SCU), since **August 2019**.
- Egyptian Parasitologists United Society, Egypt, since **2009**.
- American Society of Parasitologists, Lincoln, NE-U.S.A., since **2006**.
- Egyptian Society of Parasitologists, Egypt, since **1996**.
- Egyptian Medical Syndicate, since **1992**.

SKILLS:

1. Teaching:

- Teaching Medical Parasitology course for both under graduate medical students of **conventional program** (3rd year) and **integrated program (Flipped classroom and Blended learning)**, and graduate medical students of Medical Parasitology, Clinical Pathology, Medical Microbiology, Medical Biochemistry and Molecular Biology, Public Health and Community Medicine, and Tropical Medicine.
October 1993-present
- Teaching Immunology of Parasitic Diseases (PAR 508, PAR 608 IPD) and Advanced Immunology (PAR 608 AI) courses for graduate medical students of Medical Parasitology.
April 2013-present
- Teaching Medical Parasitology for undergraduate medical students of **Manchester Medical program, 2012-2016**.
- Teaching elective courses of **Quality improvement and patient safety (MP-ELC-QIPS), People management (MPELC-PM), Scientific writing (MP-ELC-ART)** for undergraduate medical students of **Mansoura Manchester Program, from April 2021**.

2. Professional qualifications:

- Antigens preparation, purification and analysis** using 1-D PAGE, isoelectric focusing, and 2-D PAGE.
- Protein discovery** using 2-DE, western blot and proteomics using computer assisted image analysis (Investigator HT Analyzer, Genomic Solutions Software).
- Protein chip arrays** using Surface enhanced laser desorption/ionization-time of flight-mass spectrometry (CIPHERGEN SELDI-TOF-MS).

- Purification and fractionation of protein** using Proteome Lab protein purification system (Beckman Coulter PF2D).
- Extraction and analysis of samples using High Performance Liquid Chromatography.**
- Molecular biology techniques as:** extraction, purification, quantitation and analysis of DNA & RNA using gel electrophoresis, blotting methods, PCR, HLA typing by non-isotopic reverse dot blot (Innolipa).
- Immunoprecipitation of immune complexes.**
- Enzyme-linked immunoassays:** for detection of antigens, immunoglobulins, cytokines, and specific circulating immune complexes, using human and mice sera.
- ELI Spot assays:** using human cells.
- Dot blot assays.**
- Abbott Architect ci8200** (chemical/immunoassay analyzer) and **Abbott Architect i1000 & i2000** (immunoassay analyzer).
- Culture of *Trypanosoma cruzi*.**
- Mice use in research.**

3. Scientific writing:

- Excellent manuscript writing skills.

4. Language:

- Fluent in Arabic (mother tongue), excellent in English, knowledge of French.

5. Computer:

- Proficient in Word, Excel, Power point, Internet.

EDITOR FOR:

1. Molecular and Biochemical Parasitology, since **July 2020**.
2. Microbes and Infectious Diseases, since **May 2020**.
3. Parasitologists United Journal, since **January 2020**.
4. International Journal of Tropical Diseases, since **February 2019**.
5. International Journal of Medicine and Medical Sciences (IJMMS), since **November 2011**.

INVITED REVIEWER FOR:

1. Frontiers in Tropical Diseases, since **February 2021**.
2. Journal of Tropical Medicine, since **January 2021**.
3. Frontiers in Medicine, since **January 2021**.
4. Frontiers in Microbiology, since **November 2020**.
5. All Life, since **October 2020**.
6. Microbes and Infectious Diseases, since **June 2020**.
7. Infection and Drug Resistance, since **June 2020**.
8. Parasite & Vectors, since **February 2020**.
9. Scientific Reports, since **November 2019**.
10. Infectious Diseases of Poverty, since **April 2019**.

11. Parasitologists United Journal, since **March 2019**.
12. Medicinal Chemistry, since **February 2019**.
13. The Pediatric Infectious Disease, since **June 2018**.
14. Journal of Asian Natural Products Research, since **May 2018**.
15. Acta Tropica, since **February 2018**.
16. Journal of Helminthology, since **January 2018**.
17. Tropical Biomedicine, since **September 2017**
18. Journal of Clinical and Diagnostic research, since **September 2017**.
19. Journal of Herbal Medicine, since **July 2017**.
20. Mansoura Medical Journal, since **June 2017**.
21. Frontiers in Immunology, since **May 2017**.
22. Infection, Genetics and Evolution, since **May 2016**.
23. International Journal of Tropical Biology and Conservation "Revista de Biología Tropical", since **November 2015**.
24. African Journal of Biotechnology, since **February 2015**.
25. Journal of Infectious Diseases & Therapy, since **November 2014**.
26. Journal of Pharmacovigilance, since **November 2014**.
27. Medicine and Medical Sciences Journal, since **August 2014**.
28. Journal of the Sao Paulo Institute of Tropical Medicine, since **June 2014**.
29. Journal of Advanced Research, since **April 2014**.
30. Journal of Cell and Animal Biology, since **January 2014**.
31. Experimental Parasitology Journal, since **November 2013**.
32. Sky Journal for Agricultural Research, since **November 2013**.
33. Journal of Bacteriology and Parasitology, since **October 2013**.
34. Acta Parasitologica Journal, since **September 2013**.
35. African Journal of Pharmacy and Pharmacology, since **August 2013**.
36. Medical Sciences Journal, since **July 2013**.
37. Parasite Journal, since **June 2013**.
38. Asian Pacific Journal of Tropical Disease (APJTD), since **May 2013**.
39. Molecules Journal, since **April 2012**.
40. African Journal of Microbiology Research, since **October 2011**.

ACADEMIC PROFILE & PUBLICATIONS:

Scopus ID: <https://www.scopus.com/authid/detail.uri?authorId=12770855600>, h-index: 9.

Google scholar:

<https://scholar.google.com.eg/citations?hl=en&user=&user=yHO3lNcAAAAJ>

h-index: 13, i10-index: 16.

ORCID ID: <https://orcid.org/0000-0002-5006-0867>

Publons Research ID: <http://www.researcherid.com/rid/Q-7876-2018>

Research Gate Profile: https://www.researchgate.net/profile/Samar_El-Beshbishi2

Academia.edu Profile: <https://mansoura.academia.edu/samarElbeshbishi>

I. Published articles

1. Alhusseiny S.M., Saleh N.E., El-Zayady W.M., Hussein M.S., **El-Beshbishi S.N.** Association between *Toxoplasma gondii* infection and coronary atherosclerosis. Trans. R. Soc. Trop. Med. Hyg. **2021**. doi:10.1093/trstmh/trab018.
2. Da'dara A.A., Elzoheiry M., **El-Beshbishi S.N.**, Skelly P.J. Vitamin B6 acquisition and metabolism in *Schistosoma mansoni*. Front. Immunol., 11:622162, **2021**. doi: 10.3389/fimmu.2020.622162.
3. **El-Beshbishi S.N.**, Elzeky S.M., Abdalaziz K.F., Atia R.A., El-Tantawy N.L. *Toxoplasma gondii* infection among Egyptian children with neurological disorders: developmental and risk factors analysis. PUJ, 13(3): 190-196, **2020**.
4. Saleh N.E., Alhusseiny S.M., El-Zayady W.M., Aboelnaga E.M., El-beshbishi W.N., Saleh Y.M., Abou-ElWafa H.S., **El-Beshbishi S.N.** *Trichomonas vaginalis* serostatus and prostate cancer risk in Egypt: A case-control study. Parasitol. Res., 120: 1379-1388, **2021**.
5. Taman A., El Bardicy S., Tadros M., Ayoub M., Mansour B., El-Shehabi F., **El-Beshbishi S.N.** In vitro efficacy of new synthetic benzimidazole-related compounds against *Schistosoma mansoni* adult worms. Asian Pac. J. Trop. Med., 13(12): 566-572, **2020**. doi: 10.4103/1995-7645.296725.
6. ElBlihy A.A., Megahed A., Atia R.A., Auf F.A., **El-Beshbishi S.N.** Clinical characteristics versus human leukocyte antigen class-II DRB1 alleles profiles and fecal calprotectin level in *Giardia lamblia*-infected children. PUJ, 13(2): 126-134, **2020**.
7. Alhusseiny S.M., **El-Beshbishi S.N.** Omega polyunsaturated fatty acids and parasitic infections: An overview. Acta Trop., 14:105466, **2020**. doi: 10.1016/j.actatropica.2020.105466.
8. Taman A., Alhusseiny S.M., Saleh N.E., Youssef M.Y., Mansour B., Massoud M., **El-Beshbishi S.N.** Effect of a newly synthesized quinolone-based compound (PPQ-8) on murine schistosomiasis mansoni. J. Helminthol., 94, e123, 1-8, **2020**.
9. **El-Beshbishi S.N.**, ElBlihy A.A., Atia R.A., Megahed A., Auf F.A. Correlation between human leukocyte antigen class-II DRB1 alleles and *Giardia lamblia* infection in children: A case-control study. Asian Pac. J. Trop. Med., 13(2): 56-61, **2020**. doi: 10.4103/1995-7645.275413
10. Taman A., **El-Beshbishi S.N.** Laboratory diagnosis of schistosomiasis mansoni: Current status and future trends. Asian Pac. J. Trop. Med., 12(6): 234-246, **2019**.
11. Elzoheiry M., Da'dara A.A., Nation C.S., **El-Beshbishi S.N.**, Skelly P.J. Schistosomes can hydrolyze proinflammatory and prothrombotic polyphosphate (polyP) via tegumental alkaline phosphatase, SmAP. Mol. Biochem. Parasitol., **2019** May 30; 232:111190. doi: 10.1016/j.molbiopara.2019.111190.
12. **El-Beshbishi S.N.**, Saleh N.E., Abd el-mageed S.A., El-nemr H.E., Abdalla H.A., Shebl A.M., Taman A. Effect of omega-3 fatty acids administered as monotherapy or combined with artemether on experimental *Schistosoma mansoni* infection. Acta Trop., 194:62-68, **2019**.
13. **El-Beshbishi S.N.**, El Bardicy S., Tadros M., Ayoub M., Taman A. Biological activity of artemisinin-naphthoquine phosphate on *Schistosoma haematobium* stages and the vector *Bulinus truncatus*. Trans. R. Soc. Trop. Med. Hyg. **2019**. doi: 10.1093/trstmh/try144.

14. **El-Beshbishi S.N.**, El-Tantawy N.L., Elzeky S.M., Abdalaziz K.F., Atia R.A. Seroprevalence of *Toxoplasma gondii* infection in children with central nervous system disorders in Mansoura, Egypt: a case-control study. *Trans. R. Soc. Trop. Med. Hyg.* 112(12):555-560, **2018**.
15. Elzoheiry M., Da'dara A.A., Bhardwaj R., Wang Q., Azab M.S., El-Kholy E-S.I., **El-Beshbishi S.N.**, Skelly P.J. Intravascular *Schistosoma mansoni* cleave the host immune and hemostatic signaling molecule sphingosine-1-phosphate via tegumental alkaline phosphatase. *Front. Immunol.*, 9:1746, **2018**.
16. Alhusseiny S.M., **El-Beshbishi S.N.**, Abu Hashim M.M., El-nemr H.E., Handoussa A.E. Effectiveness of vinpocetine and isosorbide-5-mononitrate on experimental schistosomiasis mansoni: biochemical and immunohistochemical study. *Acta Trop.*, 186:16-23, **2018**.
17. **El-Beshbishi S.N.**, El Bardicy S., Tadros M., Ayoub M., Taman A. Efficacy of Artemisinin-naphthoquine phosphate against *Schistosoma haematobium* adult flukes: dose-effect relationship and tegumental alterations. *J. Helminthol.*, 21:1-6, **2018**.
18. Elzoheiry M., Da'dara A.A., deLaforcade A.M., **El-Beshbishi S.N.**, Skelly P.J. The essential ectoenzyme SmNPP5 from the human intravascular parasite *Schistosoma mansoni* is an ADPase and a potent inhibitor of platelet aggregation. *Thromb. Haemost.*, 118(6):979-989, **2018**.
19. Alhusseiny S.M., **El-Beshbishi S.N.**, Abu Hashim M.M., El-nemr H.E., Handoussa A.E. A comparative study on the anti-schistosomal and hepatoprotective effects of vinpocetine and isosorbide-5-mononitrate on *Schistosoma mansoni*-infected mice. *Acta Trop.*, 176(C):114-125, **2017**.
20. ElBlihy A.A., Atia R.A., Auf F.A., Hassan A.M., **El-Beshbishi S.N.** Clinical and laboratory findings in children infected with *Giardia lamblia*: A case control study. *Mans. J. Basic Med. Sci.*, 6, no. 9001257, July, **2017**.
21. Taman A., **El-Beshbishi S.N.**, El Bardicy S., Tadros M., Ayoub M., Mansour B., El Bialy S.A. *In vitro* screening of BTP-Iso on *Schistosoma mansoni* and its intermediate host *Biomphalaria alexandrina*. *Asian Pac. J. Trop. Dis.*, 6(12): 946-951, **2016**.
22. **El-Beshbishi S.N.**, El Bardicy S., Tadros M., Ayoub M., Taman A. Spotlight on the *in vitro* effect of artemisinin-naphthoquine phosphate on *Schistosoma mansoni* and its snail host *Biomphalaria alexandrina*. *Acta Trop.*, 141(A): 37–45, **2015**.
23. Taman A., **El-Beshbishi S.N.**, El Tantawy N., El-Hawary A.K., Azab M.S. Evaluation of the *in vivo* effect of ivermectin on *Schistosoma mansoni* in experimentally-infected mice. *J. Coastal Life Med.*, 2(10):817-823, **2014**.
24. Alhusseiny S.M., **El-Beshbishi S.N.**, Abu Hashim M.M., El-nemr H.E., El-Henawy A.A., Handoussa A.E. The hepatoprotective effect of nitric oxide on murine schistosomiasis *mansoni*. *Mans. Med. J.*, 43 (1-2):135-153, **2014**.
25. **El-Beshbishi S.N.** and Doughty B.L. Identification and Characterization of a glycoprotein with protease-like activity from *Schistosoma mansoni* cercariae. *PUJ*, 6(2): 157-164, **2013**.
26. El Bialy S.A., Taman A., **El-Beshbishi S.N.**, Mansour B., El-Malky M., Bayoumi W.A., Essa H.M. Effect of a novel benzimidazole derivative in experimental *Schistosoma mansoni* infection. *Parasitol. Res.*, 112(12):4221-4229, **2013**.
27. **El-Beshbishi S.N.**, Taman A., El-Malky M.A., Azab M.S., El-Hawary A.K., El-Tantawy D.A. *In vivo* effect of single oral dose of artemether against early juvenile

- stages of *Schistosoma mansoni* Egyptian strain. Exp. Parasitol., 135(2):140-145, **2013**. Listed as one of the top 20 Articles, in the Domain of Article 23876575, Since 2013.
28. El-Malky M.A., Maruyama H., Al-Harhi S.A., **El-Beshbishi S.N.**, Ohta N. The role of B-cells in immunity against adult *Strongyloides venezuelensis*. Parasites & Vectors, 6:148, **2013**.
 29. **El-Beshbishi S.N.**, Taman A., El-Malky M.A., Azab M.S., El-Hawary A.K., El-Tantawy D.A. First insight into the effect of single oral dose therapy with artemisinin-naphthoquine phosphate combination in a mouse model of *Schistosoma mansoni* infection. Int. J. Parasitol., 43(7):521-530, **2013**. **This paper has been selected to be featured in the World Biomedical Frontiers because of its innovation and potential for significant impact.**
 30. El-Malky M.A., Lu S.H., **El-Beshbishi S.N.**, Saady N.S., Ohta N. Effect of Mirazid in *Schistosoma japonicum*-infected mice: parasitological and pathological assessment. Parasitol. Res., 112(1):373-377, **2013**.
 31. El-Kholy E.I., El-Bendary M.M., Metwali A.A., Noureldin M.S., **El-Beshbishi, S.N.**, El-Samanooudy A.Z., Salem D.A. Impact of *Schistosoma mansoni* co-infection with chronic hepatitis C on serum levels of interleukin-10, oxidative stress and anti-oxidant profile. World Res. J. Crit. Care, 1.1:1-5, **2013**.
 32. **El-Beshbishi S.N.**, Ahmed N.N., Mostafa S.H., El-Ganainy G.A. Parasitic infections and myositis. Parasitol. Res., 110(1):1-18, **2012**.
 33. **El-Beshbishi S.N.** and Doughty B.L. Proteomic profiles characteristics of *Schistosoma mansoni* infection in patients from two different endemic areas. PUJ, 4(1): 77-88, **2011**.
 34. Elsaied N.A., Abbas A.T., **El-Beshbishi S.N.**, Elsheikha H.M. Increased *Helicobacter pylori*-associated pathology in outbred mice coinfecting with schistosomiasis. Parasitol. Res., 105(2):297-299, **2009**.
 35. **El-Beshbishi S.N.**, Shattuck K.E., Mohammad A.A., Petersen J.R. Hyperbilirubinemia and transcutaneous bilirubinometry. Clin. Chem., 55(7):1280-1287, **2009**.
 36. El-Shazly A.M., **El-Beshbishi S.N.**, Azab M.S., El-Malky M., Abdel-Tawab A.H., Morsy A.T. Past and present situation of human fascioliasis in Dakahlia Governorate, Egypt. J. Egypt. Soc. Parasitol., 39 (1): 247-262, **2009**.
 37. El-Shazly A.M., Mohammed R.M., **El-Beshbishi S.N.**, Azab M.S., El-Ghareeb A.S., Abdel-Tawab A.H., Zaalouk T.K.H. Soil parasites particularly *Toxocara* eggs in Egypt. J. Egypt. Soc. Parasitol., 39 (1): 151-162, **2009**.
 38. El-Shazly A.M., Azab M.S., **El-Beshbishi S.N.**, Elsheikha H.M. Hepatic hydatid disease: four case reports. Cases J., 2(1):58, **2009**.
 39. El-Shazly A.M., **El-Beshbishi S.N.**, Azab M.S., Sakr T.I., El-Fayoumy K.N., El-Ghareeb A.S., Elsheikha H.M. Gastrointestinal injuries in *Helicobacter pylori* infected patients with concurrent schistosomiasis or fascioliasis. Egypt. J. Med. Sci., 29(2):593-603, **2008**.
 40. El-Shazly A.M., Azab M.S., **El-Beshbishi S.N.**, Sakr T.I., El-Fayoumy K.N., El-Ghareeb A.S., Hafez A.O., El Sherbini E.T. Biochemical parameters in chronic fascioliasis. J. Egypt. Soc. Parasitol., 38 (3): 977-990, **2008**.

41. Elsheikha H.M., El-Shazly A.M., **EL-Beshbishi S.N.** Kinetics of eosinophilia and IgE production in experimental murine toxocariasis. J. Egypt. Soc. Parasitol., 38 (1): 53-64, **2008**.
42. Jabeen R., Elefano E.C., **El-Beshbishi S.N.**, Okorodudu A.O., Petersen J.R., Mohammad A.A. Fit-for-purpose Evaluation Of Architect™ I1000SR Immunoassay Analyzer: M129. Clin. Chem. Lab. Med., 46: S284-S285, **2008**.
43. El-Nahas H.A., **EL-Beshbishi S.N.**, Azab M.S., Zaalouk T.H., Elsheikha H.M., Saleh A.M., El-Shazly A.M. Diagnostic criteria for house dust mites-sensitized allergic patients. J. Egypt. Soc. Parasitol., 37 (suppl. 3): s1113-s1124, **2007**.
44. Elsheikha H.M., **EL-Beshbishi S.N.**, Mansfield L.S. Ultrastructural characteristics of *Besnoitia darlingi* tachyzoites Brumpt, 1913 (Protozoa: Sarcocystidae) of the Michigan strain MIBD1. J. Egypt. Soc. Parasitol., 37(3): 989-997, **2007**.
45. Handousa A.E., Azab M.S, **El-Beshbishi S.N.**, El-Nahas H.A., Abd El-Hamid M.A. Comparative study between Immunohistochemical grading and *Giardia* genotyping among symptomatic and asymptomatic humans. Egypt. J. Immunol., 14 (2): 63-72, **2007**.
46. **El-Beshbishi S.N.**, Sadek E.E., El-Fayoumy K.N., Neamatallah M.N. T-Lymphocytes activation and expression of costimulatory molecules in human toxoplasmosis during pregnancy. Benha Med. J., 24(1): 479-489, **2007**.
47. El-Shazly A.M., **El-Beshbishi S.N.**, Azab M.S., El-Nahas H.A., Soliman M.E., Fouad M.A., Monib M.E. Present situation of house dust mites in Dakahlia Governorate, Egypt. J. Egypt. Soc. Parasitol., 36 (1):113-126, **2006**.
48. **El-Beshbishi S.N.**, Abdel-Magied A.A., El-Nahas H.A., Azab M.S., El-Shazly A.M., Morsy A.T., Gamal-Edin M.K., El-Kadi M.A. Geoparasites in rural Dakahlia Governorate, a preliminary based study for development of the community-based intervention programs. J. Egypt. Soc. Parasitol., 35 (3):1051-1070, **2005**.
49. El-Shazly A.M., Azab M.S., **El-Beshbishi S.N.**, El-Nahas H.A., Abdel-Magied A.A., Abou El-Hasan M., Monib M.S., Morsy T.A. Some molecular aspects in schistosomiasis mansoni and toxoplasmosis. J. Egypt. Soc. Parasitol., 35 (3):795-808, **2005**.
50. El-Shazly A.M., Abdel-Magied A.A., **El-Beshbishi S.N.**, El-Nahas H.A., Fouad M.A., Monib M.S. *Blastocystis hominis* among symptomatic and asymptomatic individuals in Talkha center, Dakahlia Governorate, Egypt. J. Egypt. Soc. Parasitol., 35 (2):653-666, **2005**.
51. El-Shazly A.M., El-Nahas H.A., Abdel-Magied A.A., **El-Beshbishi S.N.**, Azab M.S., Abou El Hasan M., Arafa W.A., Morsy T.A. Human fascioliasis and anaemia in Dakahlia Governorate. J. Egypt. Soc. Parasitol., 35 (2):421-432, **2005**.

II. Abstracts in peer-reviewed journals, conferences and proceedings

1. Farag E., Taman A., Awad S., **El-Beshbishi S.N.** Perspectives of chronic toxoplasmosis on male fertility: an experimental study. Oral presentation at Tanta University Annual Congress, Faculty of Medicine, Tanta, Egypt, **March 5-8, 2019**.
2. **El-Beshbishi S.N.**, ElBlihy A.A., Atia R.A., Hassan A.M., Auf F.A. Human leukocyte class II alleles and outcome of giardiasis in children: Is there a link? Oral presentation at the 51st annual meeting of the European Society of Pediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN), Geneva, Switzerland, **May 9-12, 2018**.

3. **El-Beshbishi S.N.**, El Bardicy S., Tadros M., Ayoub M., Taman A. Impact of the antimalarial artemisinin-naphthoquine phosphate on *Schistosoma haematobium* adult worms: viability and tegumental alterations. Oral presentation at the 5th conference of the Egyptian Parasitologists United Society, Cairo, Egypt, **March 24-25, 2018**.
4. **El-Beshbishi S.N.**, Saleh N.E., Abd el-mageed S.A., El-nemr H.E., Taman A. Could omega-3 fatty acids be used in schistosomiasis control? Poster presentation at the 5th conference of the Egyptian Parasitologists United Society, Cairo, Egypt, **March 24-25, 2018**.
5. Alhusseiny S.M., **El-Beshbishi S.N.**, Abu Hashim M.M., El-nemr H.E., Handoussa A.E. Highlights on the hepatoprotective efficacy of nuclear factor-kappaB inhibition and nitric oxide donation against schistosomiasis mansoni. Poster presentation at the 5th conference of the Egyptian Parasitologists United Society, Cairo, Egypt, **March 24-25, 2018**.
6. **El-Beshbishi S.N.**, Alhusseiny S.M., Abu Hashim M.M., El-nemr H.E., Handoussa A.E. Effects of vinpocetine and isosorbide-5-mononitrate on experimental schistosomiasis mansoni, parasitological and histopathological study. J. Clin. Trial., **2017, 7:4; Abstract (<http://dx.doi.org/10.4172/2167-0870-C1-017>)**.
7. Alhusseiny S.M., **El-Beshbishi S.N.**, Abu Hashim M.M., El-nemr H.E., Handoussa A.E. Amelioration of elevated hepatic hydroxyproline and collagen contents after vinpocetine, isosorbide-5-mononitrate and praziquantel treatment of *Schistosoma mansoni*-infected mice. Poster presentation at the 4th annual conference of Medical Biochemistry Department: New Trends in Medical Biochemistry and Molecular Biology, Mansoura University Children's Hospital, Mansoura Faculty of Medicine, Mansoura, Egypt, **April 12, 2017**.
8. Saleh N.E., **El-Beshbishi S.N.**, Abd el-mageed S.A., El-nemr H.E., Abdalla H.A., Taman A. Novel anti-schistosomes and nitric oxide: Is there any relation? Poster presentation at the 4th annual conference of Medical Biochemistry Department: New Trends in Medical Biochemistry and Molecular Biology, Mansoura University Children's Hospital, Mansoura Faculty of Medicine, Mansoura, Egypt, **April 12, 2017**.
9. M. Elzoheiry, A. Da'Dara, Q. Wang, M. Azab, S. El-Kholy, **S. El-Beshbishi**, P. Skelly. *Schistosoma mansoni* tegumental alkaline phosphatase cleaves key host immune and haemostatic regulators. Poster presentation at the conference of Molecular Helminthology: An Integrated Approach, Cape Cod, MA, USA, **March 19-22, 2017**.
10. **El-Beshbishi S.N.**, El Bardicy S., Tadros M., Ayoub M., Taman A. Identification of the antimalarial artemisinin-naphthoquine phosphate as effective therapeutic combination against *Schistosoma haematobium*. J. Bacteriol. Parasitol., **2015, 6:4; Abstract (<http://dx.doi.org/10.4172/2155-9597.S1.013>)**.
11. **El-Beshbishi S.N.**, El Bardicy S., Tadros M., Ayoub M., Taman A. Identification of the antimalarial artemisinin-naphthoquine phosphate as effective therapeutic combination against *Schistosoma haematobium*. Oral presentation at the International Conference on Parasitology, Philadelphia, USA, **August 24-26, 2015**.
12. **El-Beshbishi S.N.**, El Bardicy S., Tadros M., Ayoub M., Taman A. Spotlight on the *in vitro* effect of artemisinin-naphthoquine phosphate on *Schistosoma mansoni* and its snail host *Biomphalaria alexandrina*. Oral presentation at the 4th annual conference of the Egyptian Parasitologists United Society, Cairo, Egypt, **November 15-16, 2014**.

13. Taman A., **El-Beshbishi S.N.**, El-Tantawy N., El-Hawary A., Azab M. The antischistosomal effect of ivermectin: an experimental study. Poster presentation at the 4th annual conference of the Egyptian Parasitologists United Society, Cairo, Egypt, **November 15-16, 2014.**
14. Taman A., **El-Beshbishi S.N.**, El Bardicy S., Tadros M., Ayoub M., Mansour B., El-Bialy S. *In vitro* effects of new synthetic benzimidazole compounds on adult *Schistosoma mansoni*. Poster presentation at the 4th annual conference of the Egyptian Parasitologists United Society, Cairo, Egypt, **November 15-16, 2014.**
15. **El-Beshbishi S.N.**, Taman A., El-Malky M.A., Azab M.S., El-Hawary A.K., El-Tantawy D.A. First insight into the effect of single oral dose therapy with artemisinin-naphthoquine phosphate combination in a mouse model of *Schistosoma mansoni* infection. *Inf. Immun.*, **November 2013; Abstract (World Biomedical Frontiers/ISSN: 2328-0166).**
16. **El-Beshbishi S.N.**, Doughty B.L. Identification and characterization of a glycoprotein with protease-like activity from the invasive stage of *Schistosoma mansoni*. **Oral presentation of distinction* presented at the 3rd annual conference of the Egyptian Parasitologists United Society In Association With INSTAND/WHO, Cairo, Egypt, **October 10-11, 2012.**
17. **El-Beshbishi S.N.**, Taman A., Ribeiro P. A novel dopamine receptor could be a drug target in *Schistosoma mansoni*. **Poster of distinction* presented at the 3rd annual conference of the Egyptian Parasitologists United Society In Association With INSTAND/WHO, Cairo, Egypt, **October 10-11, 2012.**
18. El-Kholy EE., El-Bendary M.M., Metwali A.A., Noureldin M.S., **El-Beshbishi S.N.**, El-Samanoudy A.Z., Salem D.A. Impact of *Schistosoma mansoni* co-infection with chronic hepatitis C on serum levels of interleukin-10, oxidative stress and anti-oxidant profile. *Gut* **2011; 60 (Suppl 3) A358.** Poster presentation at the 19th United European Gastroenterology Week (UEGW), Stockholm, **October 22-26, 2011.**
19. **El-Beshbishi S.N.**, Abdel-Megied S.A. Mechanism of immune modulation by helminthes in auto-immune diseases. Oral presentation at the 6th annual conference of Internal Medicine Department, Specialized Medical Hospital, Mansoura Faculty of Medicine, Mansoura-Port Said, Egypt, **April 28-29, 2011.**
20. **El-Beshbishi S.N.**, Doughty B.L. Proteomic analysis in schistosomiasis *mansoni* from two different endemic areas. Poster presentation at the 1st annual conference of the Egyptian Parasitologists United Society, Cairo, Egypt, **March 28-29, 2009.**
21. **El-Beshbishi S.N.**, Doughty B.L. Proteome analysis of *Schistosoma mansoni*. Poster presentation at the Department of Pathology Research Day, UTMB, Galveston, Texas-U.S.A., **May 13, 2003.**
22. **El-Beshbishi S.N.**, Doughty B.L. Serological proteome analysis of *Schistosoma mansoni*. Poster presentation at the Gulf Coast Tropical Medicine Association Meeting, UTMB, Galveston, Texas-U.S.A., **April 25-26, 2003.**
23. **El-Beshbishi S.N.**, Doughty B.L. Analysis of antigen specific antibody responses in schistosomiasis patients in two different endemic areas. Poster presentation at the Gulf Coast Tropical Medicine Association Meeting, UTMB, Galveston, Texas-U.S.A., **April 26-27, 2002.**

III. Books

1. Co-author of Human Parasitology, Faculty of Medicine, Mansoura University, since 2009- 2019 (Annual book).

THESIS, ESSAYS & REVIEWS SUPERVISION:

I. Master Degree

1. **Thesis title:** Seroprevalence of *Toxoplasma gondii* Infection among Children with Brain neoplasms.
Main supervisor
Candidate name: Amany Saad Elsaied Abdel-Wahed
Medical Parasitology Department, Faculty of Medicine, Mansoura University (March 12, 2019).
2. **Thesis title:** Toxoplasmosis among Children with Central Nervous System Disabilities.
Main supervisor
Candidate name: Sara Mahmoud Mohamed Elzeky
Medical Parasitology Department, Faculty of Medicine, Mansoura University (November 1, 2014, defend on **May 11, 2017**).
3. **Essay title:** Molecular-Based Approaches for Diagnosis of Some Human Parasitic Infections.
Candidate name: Sameh Ibrahim
Faculty of Medicine, 6th October University (January 11, 2011, defend on **March 10, 2014**).
4. **Essay title:** Laboratory Techniques for Diagnosis of Human Parasitic infections: Update.
Candidate name: Ayat Abel Aziz El-Belehy
Medical Parasitology Department, Faculty of Medicine, Mansoura University (December 30, 2010, defend on **February 26, 2013**).
5. **Essay title:** Role of Parasitic Infections in Myositis.
Candidate name: Samar Hussein Mostafa
Medical Parasitology Department, Faculty of Medicine, Mansoura University (December 12, 2009, defend on **February 26, 2012**).
6. **Essay title:** Endoscopic and Surgical Interference in Diagnosis of Parasitic Infections.
Candidate name: Nora Esam Saleh
Medical Parasitology Department, Faculty of Medicine, Mansoura University (November 11, 2008, defend on **February 28, 2011**).
7. **Essay title:** Human Dermatological Changes Caused by Arthropods.
Candidate name: Nora Ibrahim Abu El-Fetouh
Medical Parasitology Department, Faculty of Medicine, Mansoura University (August 16, 2006, defend on **March 29, 2009**).

II. Ph.D. Degree

1. **Thesis title:** Influence of Chronic Toxoplasmosis on Gonadotropic-Gonadal Axis in Male rats.
Main supervisor
Candidate name: Elham Farag Saad Almeniar

Medical Parasitology Department, Faculty of Medicine, Mansoura University (April 24, 2017).

2. **Thesis title:** Characterization of Schistosome Host-Interactive Tegumental Proteins.
Main supervisor (Joint supervision with Prof. Patrick Skelly, Associate Chair of Molecular Helminthology Laboratory, Department of Infectious Disease and Global Health, Cummings School of Veterinary Medicine, Tufts University, U. S. A.)
Candidate name: Manal Ali Heidar Mohamed Ali Hassan Elzoheiry
Medical Parasitology Department, Faculty of Medicine, Mansoura University (December 9, 2014, defend on **May 12, 2018**).
3. **Thesis title:** Human Leukocyte Antigen Class II Alleles in Children with Giardiasis.
Main supervisor
Candidate name: Ayat Abd El-Aziz El-Belehy
Medical Parasitology Department, Faculty of Medicine, Mansoura University (December 9, 2014, defend on **September 11, 2017**).
4. **Thesis title:** Induced Resistance to Reinfection in Experimental Egyptian Schistosomiasis Mansoni by Artemether and Omega-3.
Candidate name: Nora Esam Saleh
Medical Parasitology Department, Faculty of Medicine, Mansoura University (June 9, 2013, defend on **February 25, 2017**).
5. **Thesis title:** Effect of Vinpocetine and Isosorbide Mononitrate on Experimental Schistosomiasis Mansoni.
Candidate name: Samar Mohamed Alhusseiny
Medical Parasitology Department, Faculty of Medicine, Mansoura University (December 27, 2012, defend on **May 23, 2016**).
6. **Review title:** Uses of Maggots in Medicine.
Candidate name: Samar Mohamed Alhusseiny
Medical Parasitology Department, Faculty of Medicine, Mansoura University (June 27, 2011).
7. **Thesis title:** Serum Oxidative Stress and Anti Oxidant Levels in Human Schistosomiasis Mansoni.
Candidate name: Doaa Abdel Badee Salem
Medical Parasitology Department, Faculty of Medicine, Mansoura University (February 16, 2009, defend on **April 10, 2011**).

INTERNAL & EXTERNAL EXAMINER:

I. Member of the Discussion and Referee committee:

1. **Ph.D. Thesis:** Genotypic Analysis of *Giardia* Isolates from Symptomatic Egyptian Children. By Ahmed Mohamed Abel El-Azeem Mohamed, Medical Parasitology Department, Faculty of Medicine, Al-Azhar University (**March 13, 2021**).
2. **M.Sc. Thesis:** Study of *Giardia lamblia* among Children Undergoing Upper Gastrointestinal Endoscopy. By Hend Mahmoud Mohamed Sharaf, Medical Parasitology Department, Faculty of Medicine, Mansoura University (**October 11, 2020**).
3. **Ph.D. Thesis:** Seroepidemiological Evaluation of Toxocariasis in Egyptian Children Suffering from Recurrent Urticaria. By Mohamed Ahmed Abu-Khalil Elkenawy,

Medical Parasitology Department, Faculty of Medicine, Al-Azhar University, Damietta (October 3, 2019).

4. **M.Sc. Thesis:** Amelioration of Bilharzial Liver Fibrosis Using Mesenchymal Stem Cells. By Hebat Allah Mohamed Sallam Sallam, Medical Parasitology Department, Faculty of Medicine, Menoufia University (February 19, 2019).
5. **Ph.D. Thesis:** Characterization of Schistosome Host-Interactive Tegumental Proteins. By Manal Ali Heidar Mohamed Ali Hassan Elzoheiry, Medical Parasitology Department, Faculty of Medicine, Mansoura University (May 12, 2018).
6. **Ph.D. Thesis:** *Giardia* Genotyping and Oxidative Status among Infected children. By Amira Mohamed Khalil Ismail Alazab, Medical Parasitology Department, Faculty of Medicine, Mansoura University (November 20, 2017).
7. **Ph.D. Thesis:** Human Leukocyte Antigen Class II Alleles in Children with Giardiasis. By Ayat Abd El-Aziz El-Belehy, Medical Parasitology Department, Faculty of Medicine, Mansoura University (September 11, 2017).
8. **Ph.D. Thesis:** Identification of *Cyclospora cayetanensis* Antigen(s) and their Utilization in Immunodiagnosis. By Maha Mohammed Ali Al-Abbasy, Medical Parasitology Department, Faculty of Medicine, Suez Canal University (May 21, 2017).
9. **M.Sc. Thesis:** Toxoplasmosis among Children with Central Nervous System Abnormalities. By Sara Mahmoud Mohamed Elzaky, Medical Parasitology Department, Faculty of Medicine, Mansoura University (May 10, 2017).
10. **Ph.D. Thesis:** *In vitro* Biochemical Variability of Susceptible and Non Susceptible Isolates of *Trichomonas vaginalis* to Metronidazole. By Marwa Magdy Hamouda El-Metwaly, Medical Parasitology Department, Faculty of Medicine, Mansoura University (March 22, 2017).
11. **Ph.D. Thesis:** Induced Resistance to Reinfection in Experimental Egyptian Schistosomiasis Mansoni by Artemether and Omega-3. By Nora Esam Saleh, Medical Parasitology Department, Faculty of Medicine, Mansoura University (February 25, 2017).
12. **M.Sc. Thesis:** Laboratory Techniques for Diagnosis of Human Parasitic infections: Update. By Ayat Abel Aziz El-Belehy, Medical Parasitology Department, Faculty of Medicine, Mansoura University (March 10, 2012).
13. **M.Sc. Thesis:** Capillariasis: Updated. By Wafaa Atef Abo Kamar, Medical Parasitology Department, Faculty of Medicine, Mansoura University (February 24, 2011).

II. Oral examination for graduate medical students:

1. Master Degree:

Medical Parasitology	Faculty of Medicine, Mansoura University	2016 – Present
	Faculty of Medicine, Ain Shams University	2021

2. Ph.D. Degree:

Medical Parasitology	Faculty of Medicine, Mansoura University	2016 – Present
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Faculty of Medicine, Al-Azhar for Girls **2018**

3. Master Degree (First part):

Microbiology and Immunology Faculty of Medicine, Mansoura University **2015 – Present**

Tropical Medicine Faculty of Medicine, Mansoura University **2015 – Present**

Community Medicine Faculty of Medicine, Mansoura University **2015– Present**

III. Oral examination for undergraduate medical students (3rd year medical students):

1. Mansoura University, **since 2004--till now.**
2. The 6th October University, **2013- 2019.**
3. Al-Azhar University for Girls, **2013-2017.**
4. Al-Azhar University for Boys, **2017.**

COURSES & WORKSHOPS:

1. The Webinar one titled: "Enhance your research with Elsevier: SciVal: Strategic approach to Research, Introduction to SciVal". National Research Center, Cairo, Egypt, **June 8, 2021.**
2. Successfully completed the online workshop titled: "Learning management system". Supreme Council of Universities in collaboration with UNESCO Regional Bureau for Science in the Arab States-Cairo and Egyptian National Commission for UNESCO, **April 27, 2021.**
3. Successfully completed the 13th online workshop titled: "Basic certificate in medical education". Kasr Al-Ainy Faculty of Medicine, Cairo University, Egypt, **19th November 2020-13th March, 2021 (20 credit points, 90 direct contact hours).**
4. Successfully completed the online workshop titled: "Methods of measurement, evaluation and preparation of the test item - the health sector". Measurement & Assessment Center of Project Management Unit (PMU) in collaboration with Supreme Council of Universities, **October 13-14, 2020.**
5. Successfully completed the workshop titled: Capacity Building on HINARI Access to Research for Health Programme: 2nd Sub-Regional Training Workshop, "Training of Trainers". Al Masa Hotel, Cairo, Egypt, **April 22-26, 2018.**
6. The workshop titled: "Sequence to Phylogeny". Medical Parasitology department, Kasr Al-Ainy Faculty of Medicine, Cairo University, Egypt, **November 30, 2014.**
7. The workshop titled: "PCR Primers Design". Medical Parasitology department, Kasr Al-Ainy Faculty of Medicine, Cairo University, Egypt, **November 29, 2014.**
8. The training course titled: "Managing research teams". Faculty and leadership development unit-Mansoura University, Egypt, **April 13-14, 2014.**
9. The training course titled: "Credit hours system". Faculty and leadership development unit-Mansoura University, Egypt, **March 23-24, 2014.**

10. The workshop of the 20th international conference of the Egyptian Society for Medical Microbiology titled: "Apoptosis assay methods". Faculty of Medicine, Mansoura University, Egypt, **February 27-28, 2014**.
11. The training course titled: "Applying academic standards for educational program". Faculty and leadership development unit-Mansoura University, Egypt, **December 15-16, 2013**.
12. The training course titled: "Strategic planning". Faculty and leadership development unit-Mansoura University, Egypt, **December 1-2, 2013**.
13. The training course titled: "Student evaluation and examinations techniques". Faculty and leadership development unit-Mansoura University, Egypt, **November 10-11, 2013**.
14. The training course titled: "Teaching and training by problem based learning method". Faculty of Medicine, Mansoura University, Egypt, **September 2-5, 2013**.
15. The Mansoura University Regenerative Medicine Program (MURMP) titled: "From Bench to Beside". Faculty of Medicine, Mansoura University, Egypt, **November 27-28, 2012**, and at Alexandria, **November 29-December 1st, 2012**.
16. The cell training course titled: "Methods of Isolating and Characterizing stem cells". Medical experimental Research Center, Faculty of Medicine, Mansoura University, Egypt, **October 9-12, 2011**.
17. The workshop course titled: "Basics and Applications of High Performance Liquid Chromatography (HPLC) and Gas Chromatography (GC) in Medical Biochemistry". Medical Technology Center, Medical Research Institute-Alexandria University, Egypt, **April 12-15, 2010**.
18. The workshop titled: "Intended Learning Outcomes Compared to Course Description". Faculty of Medicine, Mansoura University, Egypt, **April 3, 2010**.
19. The workshop course; titled: Hands on: "Basic Techniques in Cell Culture". Medical Technology Center, Medical Research Institute-Alexandria University, Egypt, **February 21-23, 2010**.
20. The training course; titled: "Competing for research funds". Faculty of Commerce-Mansoura University, Egypt, **January 24-27, 2010**.
21. The workshop titled: "Molecular Biology Techniques". Medical Biochemistry Department, Faculty of Medicine, Mansoura University, Egypt, **April 23, 2009**.
22. The workshop titled: "Laboratory Performance and Quality Assurance". Medical Technology Center, Medical Research Institute-Alexandria University, Egypt, **February 19-21, 2009**.
23. The Workshop titled: "Applications of High Performance Liquid Chromatography". Medical Biochemistry Department-Faculty of Medicine-Mansoura University, Egypt, on **February 17, 2009**.
24. The Basic mouse handling and techniques training. University of Texas Medical Branch, Galveston, Texas-U.S.A., **August 21, 2008**.
25. The Biological hazards and laboratory safety rules course. UTMB, Galveston, Texas-U.S.A., **April, 2008**.
26. Completed 31contact hours of instructions on the Abbott Architect ci8200 training. Abbott training center, Dallas, Texas-U.S.A., **November 5-9, 2007**.
27. Completed the training course titled: "Developing examination paper at Mansoura University". Faculty of Education-Mansoura University, Egypt, **May 9, 2007**.

28. Completed the training course titled: "Quality assurance and accreditation". Faculty of Engineering-Mansoura University, Egypt, **March 18-21, 2007**.
29. Completed the training course titled: "Design course and curriculum". Faculty of Science-Mansoura University, Egypt, **December 24-26, 2006**.
30. Completed the training course; titled: "Making decisions and solving problems". Faculty of Commerce-Mansoura University, Egypt, **November 12-14, 2006**.
31. The Student assessment skill lab course. Faculty of Medicine-Mansoura University, Egypt, **May, 2006**.
32. The workshop of clinical immunology & molecular biology titled: " PCR: Hand Practice". Faculty of Medicine, Clinical Immunology Unit-Mansoura University, Egypt, **May 2-3, 2006**.
33. The 4th intensive postgraduate educational course in clinical immunology. The 10th Egyptian-French seminar & workshop in immunology & molecular biology; titled: "Cell & immune therapy". Urology & Nephrology Center-Mansoura, Egypt, **April 16-27, 2006**.
34. The Skill lab teaching skills course. Faculty of Medicine-Mansoura University, Egypt, **April, 2006**.
35. The training course titled: "Professional ethics". Faculty of Science-Mansoura University, Egypt, **February 25-28, 2006**.
36. Completed the training course; titled: "New trends in teaching". Faculty of Commerce-Mansoura University, Egypt, **September 17-20, 2005**.
37. The training course titled: "Effective presentation skills". Faculty of Science-Mansoura University, Egypt, **July 3-6, 2005**.
38. The postgraduate educational course of clinical immunology. The 9th Egyptian-French seminar & workshop on immunology & molecular biology; titled: "Advances in immune & cell therapy". Urology & Nephrology Center-Mansoura, Egypt, **March 5-17, 2005**.
39. The Scientific research course. Faculty of Medicine-Mansoura University, Egypt, **October 2004**.
40. The Molecular biology training laboratory introductory course. UTMB, Galveston, Texas-U.S.A., **November 2001**.
41. The Biological hazards and laboratory safety rules course. UTMB, Galveston, Texas-U.S.A., **July, 2001**.
42. The Preparation of University Teachers' course. Faculty of Education-Mansoura University, Egypt, **July, 1995**.

CONFERENCES & MEETINGS:

I. Invited speaker:

1. Impact of the antimalarial artemisinin-naphthoquine phosphate on *Schistosoma haematobium* adult worms: viability and tegumental alterations. The 5th conference of the Egyptian Parasitologists United Society. Cairo, Egypt, **March 24-25, 2018**.
2. Identification of the antimalarial artemisinin-naphthoquine phosphate as effective therapeutic combination against *Schistosoma haematobium*. International Conference on Parasitology, Philadelphia, USA, **August 24-26, 2015**.

3. Spotlight on the *in vitro* effect of artemisinin-naphthoquine phosphate on *Schistosoma mansoni* and its snail host *Biomphalaria alexandrina*. The 4th annual conference of the Egyptian Parasitologists United Society. Cairo, Egypt, **November 15-16, 2014**.
4. Identification and characterization of a glycoprotein with protease-like activity from the invasive stage of *Schistosoma mansoni*. The 3rd annual conference of the Egyptian Parasitologists United Society In Association With INSTAND/WHO. Cairo, Egypt, **October 10-11, 2012**.
5. Mechanism of Immune Modulation by Helminthes in Auto-Immune Diseases. The 6th annual conference of Internal Medicine Department, Specialized Medical Hospital, Mansoura Faculty of Medicine. Mansoura-Port Said, Egypt, **April 28-29, 2011**.

II. Attended:

1. The 36th annual & 8th international congress of Tanta Faculty of Medicine; titled: "COVID-19 and its Impact on Public Health". Hybrid congress, Tanta University, Tanta, Egypt, **May 26-28, 2021**.
2. The 1st annual conference of Ain Shams Medical Parasitology Department; titled: "New Paradigms in Control of Parasitic Diseases". Training and Education Enhancement Centre, Ain Shams University, Cairo-Egypt, **March 16, 2019**.
3. The 34th annual congress of Faculty of Medicine, Tanta University, Tanta-Egypt, **March 5-8, 2019**.
4. Annual conference of Zagazig Medical Parasitology Department in collaboration with Tropical Medicine Department; titled: "Current and Future Challenges in Medical Parasitology". Scientific Centre Surgery Hospital, Zagazig University, Zagazig-Egypt, **April 15, 2018**.
5. Annual conference of Mansoura Faculty of Medicine; titled: "Updates in Medical Education and Health Services". Faculty of Medicine, Mansoura University, Mansoura-Egypt, **April 11-12, 2018**.
6. The 2nd conference of Al-Azhar Medical Parasitology Department; titled: Parasitic and Infectious diseases "Challenges and Innovative Facets". Al-Azhar Faculty of Medicine, Cairo-Egypt, **April 5, 2018**.
7. The 5th conference of the Egyptian Parasitologists United Society; titled: " Parasitosis: A Multidisciplinary Approach". Ain Sham Guest House, Cairo- Egypt, **March 24-25, 2018**.
8. The 4th annual conference of Medical Biochemistry Department. Faculty of Medicine, Mansoura University, Mansoura-Egypt, **April 12, 2017**.
9. The 4th conference of the Egyptian Parasitologists United Society; titled: " Parasitology: Challenges and Innovative Approaches". National Training Center, Cairo- Egypt, **November 15-16, 2014**.
10. Participated in the 20th international conference of the Egyptian Society for Medical Microbiology; titled: "Health care infections: Microbial challenges in different environments". Faculty of Medicine, Mansoura University, Egypt, **February 27-28, 2014**.
11. The 3rd conference of the Egyptian Parasitologists United Society In Association With INSTAND/WHO; titled: "Parasitology; Everlasting Development". Ain Sham Guest House, Cairo- Egypt, **October 10-11, 2012**.

12. The 19th United European Gastroenterology Week (UEGW), Stockholm, **October 22-26, 2011.**
13. Africa Telehealth Conference 2010; titled: Telehealth Conference for Africa, Middle East, Asia and Europe, "Bridging the Gap in Medicine". Fairmont Hotel, Heliopolis, Cairo-Egypt, **October 23-25, 2010.**
14. The 1st annual conference of the Medical Experimental Research Center (MERC); titled: "Stem cell and regenerative medicine". Faculty of Medicine, Mansoura University, Egypt, **April 8, 2010.**
15. The 2nd conference of the Egyptian Parasitologists United Society In Association With INSTAND/WHO Collaborating Centre For Quality Assurance And Standardization In Laboratory Medicine; titled: "New Developments In Laboratory Diagnosis Of Parasitic Diseases". Ain Sham Guest House, Cairo-Egypt, **April 7-8, 2010.**
16. The ISC International Conference of International Society of Chemotherapy; titled: "Emerging Zoonotic Diseases". Sheraton Hotel, Cairo-Egypt, **October 15-17, 2009.**
17. The 3rd annual scientific conference of Medical Physiology Department; titled: "New advances in Physiology". Faculty of Medicine, Mansoura University, Egypt, **April 5, 2009.**
18. **Poster presentation** at the 1st conference of the Egyptian Parasitologists United Society; titled: "A Step Forward in the Field of Parasitology: Education and Research". Ain Sham Guest House, Cairo-Egypt, **March 28-29, 2009.**
19. The 16th Zagazig Medical Conference, under the theme "Sustainability of Environmental Development and Health Promotion "Future Vision". Scientific Center-New Surgery, Zagazig University, Egypt, **March 22-25, 2009.**
20. The 12th Egyptian-French seminar on immunology and molecular biology; titled: "Regenerative Medicine". Faculty of Medicine, Clinical Pathology Department-Immunology Unit, Mansoura University, Egypt, **December 4, 2008.**
21. The 12th Egyptian-French seminar and workshop on immunology and molecular biology; titled: "Regenerative Medicine". The postgraduate educational course of clinical immunology. Faculty of Medicine, Mansoura University, Egypt, **November 30-December 3, 2008.**
22. The annual scientific congress of Mansoura Faculty of Medicine; titled: "New trends in Mansoura medical school". Mansoura-Alexandria, Egypt, **April 24-28, 2007.**
23. The 8th Annual scientific conference of clinical pathology; titled: "Clinical Pathology: From teaching to practice". Children University Hospital-Mansoura, Egypt, **November 14-15, 2006.**
24. The annual scientific congress of Mansoura Faculty of Medicine; titled: "New trends in medical education and evaluation". Mansoura-Alexandria, Egypt, **May 18-20, 2006.**
25. The 10th Egyptian-French seminar on immunology and molecular biology, Decade of Cooperation; titled: "Cell & immune therapy". Faculty of Medicine-Mansoura University, Egypt, **May 4-5, 2006.**
26. The annual scientific congress of Mansoura Faculty of Medicine; titled: "Quality assurance and accreditation of medical schools". Mansoura-Alexandria, Egypt, **April 5-8, 2005.**
27. The VII annual conference of clinical immunology and IX Egyptian-French seminar of immunology and molecular biology; titled: "Clinical pathology and emergencies". Faculty of Medicine-Mansoura University, Egypt, **March 19-20, 2005.**

28. The 23rd scientific conference of the Egyptian Society of Basic Medical Science. Faculty of Medicine-Cairo University, Egypt, **April 15, 2004.**
29. The annual scientific conference; titled: Quality assurance in scientific research. Mansoura-Alexandria, Egypt, **March 17-19, 2004.**
30. The Department of Pathology Research Day, UTMB, Galveston, Texas-U.S.A., **May 13, 2003.**
31. The Gulf Coast Tropical Medicine Association Meeting, UTMB, Galveston, Texas-U.S.A., **April 25-26, 2003.**
32. The Gulf Coast Tropical Medicine Association Meeting, UTMB, Galveston, Texas-U.S.A., **April 26-27, 2002.**

OTHER SCIENTIFIC ACTIVITIES:

1. Proposed teaching courses and member of the examination committee for:

- Laboratory-Acquired Parasitic Infections (LAPIs): elective course for undergraduate students at Mansoura Manchester Program, 2022.
- Undergraduate medical students (Medical Parasitology course for Integrated Program).
- Undergraduate 3rd year medical students (Medical Parasitology course for Conventional Program).
- Graduate students of (master degree, first part Medical Parasitology):
 - Clinical Pathology
 - Microbiology
 - Biochemistry
 - Community Medicine & Public Health
 - Tropical Medicine
- Graduate students of Medical Parasitology (M.Sc and Ph.D. Medical Parasitology and Immunology courses).

2. Head of the scientific committee, Medical Parasitology Department, Faculty of Medicine, Mansoura University (February 2021-present).

3. Member of the quality committee for graduate studies of Medical Parasitology Department (July 2014- present).

4. Coordinator of the graduate courses (doctorate) for Medical Parasitology Department with the quality assurance unit (September 2003- present).

5. External evaluator for the Higher Diploma of Laboratory Diagnosis of Tropical Medicine, Faculty of Medicine, Umm Al-Qura University, KSA (2019).

6. External evaluator for research projects funded by the Academy of Scientific Research and Technology (ASRT), National Program for Research & Innovation in Health and Biomedical Sciences (PRISM), since July 2020.

7. External evaluator for research projects and university encouragement prizes, Faculty of Medicine, South Valley University, since January 2019.

8. External reviewer for the scientific publications for the promotion to the position of Associate Professor and Professors:

- College of Medicine, Taibah University, Madinah, Saudi Arabia (2019).
- College of Medicine, Babylon University, Iraq (2018).

- Faculty of Medicine, Al-Azhar Universities (2017-till now).

9. Member of the graduate studies and researches committee, Mansoura Faculty of Medicine, since November 2017- present.

10. Research developer for Medical Parasitology department, Mansoura Faculty of Medicine, since December 2016- present.

11. Member of the libraries committee, Mansoura Faculty of Medicine, since October 2015- 2018.

12. Reviewer for the IRB since 2014.

13. Conference Organization:

- Member of the scientific committee of the 5th annual scientific conference of the Egyptian Parasitologists United Society, **March 2018.**

-Member of the scientific committee of the 4th annual scientific conference of the Egyptian Parasitologists United Society, **November 2014.**

-Member of the organizing committee of the 3rd annual scientific conference of the Egyptian Parasitologists United Society, **October 2012.**

-Member of the scientific committee of the Society for the Advancement of Science in Africa (SASA), **June 2012.**

14. Worked on two industries sponsored clinical trials involving FDA validation of Hepatitis assays and alpha site evaluation of automated immunoassay analyzers by Abbott. UTMB, Galveston, Texas-U.S.A., March-August, 2008.

AWARDS:

1. Scientific publication awards of Mansoura University, 2019 (4 researches).

2. Scientific publication awards of Mansoura University, 2018 (5 researches).

3. Certificate of outstanding contribution in reviewing awarded by Elsevier in June 2018 in recognition of the contributions made to the quality of the Acta Tropica Journal.

4. Scientific publication awards of Mansoura University, 2017.

5. Scientific publication awards of Mansoura University, 2015.

3. Scientific publications awards of Mansoura University, 2013 (2 researches).

4. Oral presentation of distinction for the 3rd annual conference of the Egyptian Parasitologists United Society In Association With INSTAND/WHO. Oral presentation entitled "Identification and characterization of a glycoprotein with protease-like activity from the invasive stage of *Schistosoma mansoni*". Cairo, Egypt, October 10-11, 2012.

5. Poster of distinction for the 3rd annual conference of the Egyptian Parasitologists United Society In Association With INSTAND/WHO. Poster presentation entitled "A novel dopamine receptor could be a drug target in *Schistosoma mansoni*". Cairo, Egypt, October 10-11, 2012.

6. Outstanding completion of academic fellowship in the field of Parasitology (Pathology), University of Texas Medical Branch (UTMB), Galveston, Texas-U.S.A, 2003.

7. Scholarship from the Ministry of Higher Education, Egyptian Government, 2001-2003.