



## Curriculum vitae

### Personal information:

Name	Mona Hassan Mohamed Elsayad
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Date of birth	10/1 /1961
Marital Status	Married.
Mail	Dr. MonaElsayad @hotmail.com.
Nationality	Egyptian

**Current Job:** Professor Public Health Sciences of Parasitology, Medical Research Institute, Alexandria University Egypt.

### Contact

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## SCIENTIFIC QUALIFICATIONS

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1. Doctor of Public Health Sciences (Parasitology and Medical Entomology Major), High Institute of public Health, Alexandria University, Alexandria-Egypt (1992).
2. Master of Public Health Sciences (Parasitology and Medical Entomology Major), High Institute of public Health, Alexandria University, Alexandria-Egypt (1989) of Grade "Excellent"
3. B.Sc. of Zoology, Faculty of Science, Alexandria University, Alexandria-Egypt (1983)

## AFFILIATION

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- 1- Professor of Parasitology, Medical Research Institute , Alex. Univ.
- 2- Assigned to prepare and teach Parasitology and Advanced Medical Parasitology courses at Faculty of nurse University in Alexandria since 2010 till now.
- 2- Member of  
Medical Technology Center, Medical Research Institute , Alex. Univ.
- 3- Member of prominent of scientific committee of parasitology for promotion of staff members (2008- 2013).
- 4- Member of the Quality Assurance in Medical Research Institute.
- 5- Member of Egyptian syndicate of scientific professions.
- 6- Member of The Egyptian Society of parasitology.
- 7- Member of The American Society of parasitology (USA).
- 8- Member of the Egyptian Parasitologists United (EPU).

<http://www.epu-eg.com/>

## CURRENT AND PREVIOUS POSTS HELD

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- 2003 till now Prof. of Parasitology, Medical Research Institute. Alexandria University.
- احد اعضاء مجلس ادارة مركز التكنولوجيا الطبية جامعة الاسكندرية (سنة اعضاء) (2014-2012)  
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- عضو فى لجان الترقية الدائمة للتفيليات على مستوى الجمهورية (2013-2008)
- 1998-2003 Assistant Professor of Parasitology Department of Parasitology, Medical Research Institute. Alexandria University.
- 1989-1993 Assistant Lecturer of Parasitology, Medical Research Institute, University of Alexandria.
- 1983-1989: Demonstrator of Parasitology Medical Research Institute, Alexandria University.

## **Awards**

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- Alexandria University Award for Encouraging of Scientific Research (1997)

## **PERSONAL THESES**

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### **Master Thesis:**

Susceptibility of *Biomphalaria alexandrina* snails from Beheira and Kaliubieh to infection with *Schistosoma mansoni* 1989, High Institute of Public Health, Alexandria University.

"مدى قابلية قواقع البيومفلاريا الكسندرينا من منطقتى البحيرة و القليوبية للعدوى بطفيل البلهارسيا المعوية"

### **Doctorate Thesis:**

Field and Experimental studies on the prevention and control of fascioliasis, 1992, High Institute of Public Health, Alexandria University.

"دراسات حقليية و تجريبية عن الوقاية و المكافحة من العدوى بالدودة الكبدية"

## **CURRENT TEACHING ACTIVITIES**

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#### **A- At Medical Research Institute:**

##### ***Teaching to post graduates:***

1. Helminthology and Diagnostic Techniques to students preparing for master and doctorate degrees.
2. Diagnosis of Parasites, zoonotic diseases, Invitro cultivation of parasites, Experimental animals, Malacology and Field studies to postgraduates preparing for diploma of experimental and clinical parasitology.
3. Practical courses in parasitology to students in the preparatory courses.
4. Specific methods for Diagnosis of different Parasites, molecular Parasitology. Field studies of parasites, Experimental animals, Prevention and control of parasites and quality controls of parasites in labs and field.
- 5- Lab safety courses to postgraduates preparing for diploma, Master ,and doctors degree of experimental and clinical parasitology.

#### **B. Faculty of Science:**

Teaching to under graduate :1-Practical courses on zoonotic diseases.

2-Tranning summer course of undergraduate.

#### **C. Faculty of nursing:**

- Teaching parasitological course for under graduate students.
- Teaching Advanced parasitology course for Postgraduates students.
- Teaching Lab safety courses to postgraduates.

## **SCIENTIFIC ACTIVITIES**

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#### **A. Scientific Research Projects:**

One of the working members of the following projects:

- 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. Detection and quantification of low *Schistosoma mansoni* infection by real time PCR in apparent negative cases after control . Proposal ID no SGS 10/ 72. Sponsored by WHO (2010- 2012)
4. Evaluation of *Ambrosia maritima* in control of schistosomiasis field and experimental studies. and comparison with other plant molluscicides. Supported and financed by WHO (2002-2003).
5. Resistance of *Schistosoma mansoni* Egyptian strain to praziquantel : Afield study. Supported and financed.by the WHO (1998-1999).
6. Control of snail intermediate host of schistosomiasis using different molluscicides. Supported and financed by the WHO (1996-1997).
7. Use of parasite species composition indices of fish to measure the degree of environmental deterioration due to pollutants and other menmode adverse effects. Sponsored by the European community (1993-1996).
8. Evaluation of an integrated approach of schistosomiasis control (Chemotherapy and snail control) in a resettlement area west of Alexandria. Sponsored by WHO. (1993-1994).
9. Morbidity due to single and combined hepatosplenic schistosomiasis and fascioliasis in the vicinity of Alexandria. Sponsored by the WHO (1993-1994).
10. An epidemiological study on human fascioliasis in an endemic focus in the vicinity of Alexandria. Sponsored by Alexandria University (1992-1993).
11. Studies on the extending out break of human fascioliasis among Egyptians. Sponsored by WHO (1991-1992).
12. Impact of schistosomiasis and fascioliasis on anaemia and quality of life of

school children in Abis area, Alexandria. Sponsored by Alexandria University.

13. Triclabendazole in the treatment of established human fascioliasis” Sponsored by WHO.
14. Environmental and community studies on the evaluation of Damsissa for schistosomiasis control in Egypt. Sponsored by IDRC (1988-1991).

## **TRAINING COURSES**

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- "Genotyping of parasites" march 2010, MIU, Al-Azhar University.
- Liver diseases at crossroads of civilizations, September 2009, Bibliotheca Alexandrina.
- Recent and advances in lab. Diagnosis. May 2008. Medical Syndicate.
- Principles and techniques of sample preparation using electron microscope, August 1997. MRI Alex.,.univ.
- Training program on Health Care Quality Management .January -2006. High Institute of Public Health, Alexandria University.
- Basic skills for electronic education and developing electronic courses”, held at the High Institute of Public Health, Alexandria University, during the period January 21- September 2, 2006.
- -“Health Care Quality Management Training Program”, held at the High Institute of Public Health, Alexandria University, during the period January 29- June 26, 2006.
- Computer experience: Windows – internet- office programs – Hardware – software (ICDL) from ICTP 2005.
- Attending a short intensive course on basic microbiological and molecular biological techniques used in recombinant DNA technology. The course was organized in the framework of the italian-Egyptian Cooperation project at the MRI.

- Faculty and Leadership Development Courses for the academic staff members of Alexandria University (Thinking Skills; New trends in Teaching; Effective Presentation Skills; Code of Ethics; Effective Communication Skills; Problem Solving and Decision Making; Research Ethics; International Publishing of Scientific Research; Legal and Financial Aspects in University Environment; Quality Standards in the Education Process; Conference Organization; and The Credit Hour System) during the period 2005 - 2011.
- Course for Preparation of University Educationists” held at Faculty of Education, Alexandria University, in April 1998.
- Workshop on Epidemiology, Diagnosis and Management of Fascioliasis, held at the Medical Research Institute, on October 27, 1997.
- Workshop on Epidemiology, Diagnosis and Management of Schistosomiasis, held at the Medical Research Institute, on December 15, 1997.
- An introductory course in molecular biology Italian –Egyptian cooperation Project C.M.T.1996

### **Meetings and recent international Conferences:**

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- Para Trop 2014(Joint Meeting of Parasitological and Tropical Medicine).University of Zurich.
  - The 87<sup>th</sup> annual meeting for the American Society of Parasitologists, Richmond, USA, 2012.
  - The 17th conference 5th international of Medical Research Institute, held at Hilton Alexandria Green Plaza during the period November 13-16, 2012.
  - "Fermentas Molecular Biology" A seminar held in Faculty of Medicine, Alexandria University, on July 21, 2010.

- “Advances in Medical Research, Quality in Medical Education and Practice” the 16<sup>th</sup> Conference (4<sup>th</sup> International) of the Medical Research Institute, held at Sheraton-Montazah Hotel, Alexandria, during the period October 19-22, 2010.
- “Advances in Medical Research, from Molecular Medicine to Clinical Application” 15<sup>th</sup> Conference (3<sup>rd</sup> International) of the Medical Research Institute, held at Sheraton-Montazah Hotel, Alexandria, during the period October 20-23, 2009.
- “The 6<sup>th</sup> Symposium on Liver Diseases at Crossroads of Civilization”, held at Bibliotheca Alexandrina Conference Hall, Alexandria, during the period September 24-25, 2009.
- “Advances in Medical Research, Oncology” the 14<sup>th</sup> Conference (2<sup>nd</sup> International) of the Medical Research Institute, held at Sheraton-Montazah Hotel, Alexandria, during the period October 29-31, 2008.
- “New Life Sciences: From Promises to Practice” BioVisionAlexandria 2008, held at Bibliotheca Alexandrina Conference Hall, Alexandria, during the period April 12-16, 2008.
- “Liver diseases at crossroads of civilization: East meets West, viral hepatitis from A to E”, held at Bibliotheca Alexandrina Conference Hall, Alexandria, during the period January 23-24, 2008.
- “Liver diseases at crossroads of civilization: East meets West”, held at Sheraton-Montazah Hotel, Alexandria, during the period September 5-6, 2007.
- “Advances in Medical Research, Liver Diseases” the 13<sup>th</sup> Conference of the Medical Research Institute, held at Sheraton-Montazah Hotel, Alexandria, during the period November 21-23, 2007.
- “Advances in Medical Research” the 12<sup>th</sup> Conference of the Medical Research Institute, held at Sheraton-Montazah Hotel, Alexandria, during the period November 22-24, 2006.



- Evidence-Based Medicine” the 11<sup>th</sup> Conference of the Medical Research Institute, held at Sheraton-Montazah Hotel, Alexandria, during the period November 23-25, 2005 (Also, member of the organizing committee).
- Advances in Medical Research” the 12<sup>th</sup> Conference of the Medical Research Institute, held at Sheraton-Montazah Hotel, Alexandria, during the period November 22-24, 2006.
- Recent Diagnostic and Therapeutic Approaches” the 10th Conference of the Medical Research Institute, held at Sheraton-Montazah Hotel, Alexandria, during the period October 8-10, 2003.
- The 6<sup>th</sup> Annual Congress of the Egyptian Society of Hepatology, Gastroenterology & Infectious diseases, held at Sheraton-Montazah Hotel, Alexandria, during the period March 28-29, 2002.
- The 7<sup>th</sup> International Annual Congress of the Egyptian Society of Tropical Medicine, Infectious and Parasitic Diseases, held at Palestine Hotel, Alexandria, during the period June 26-28, 2002.
- “Ethical & Social Responsibilities in Science & Technology” An International Conference Organized by the Bibliotheca Alexandrina and MURS-International, held at Bibliotheca Alexandrina Conference Hall, Alexandria, during the period October 19-21, 2002.
- The First Middle East Conference on Recent Advances in the Management of Cancer, held at the Medical Research Institute, during the period October 20-22, 1999.
- The 5<sup>th</sup> International Annual Congress of the Egyptian Society of Tropical Medicine, Infectious and Parasitic Diseases, held at Palestine Hotel, Alexandria, during the period June 10-12, 1998

## **Experiences:**

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- 1) Field studies of parasitic infection among animals and humans.
- 2) Techniques and Applications of Molecular Biology in the field of Parasitology.
- 3) Biology of parasites from medical point view, veterinary importance and snail hosts.
- 4) Experimental laboratory animals ( rearing ,breeding , infection with different parasites ,clinical trials )
- 5) 4-Experimental Malacology ( rearing ,breeding , infection with different parasites ,clinical trials control )

## 6) LIST OF PUBLICATIONS

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**1.El-sayad M.H,** Tolba M M.,Yehia M. M Eristalis tenax intestinal myiasis, an electron microscope study (Joint Meeting of Parasitology and Tropical Medicine) University of Zürich, Switzerland, 16-19 July 2014, **presenting a talk( inbook )**

2. Mona H El Sayad, Sahar A Abou Holw, Omaima G Yassine , Hend A El-Taweel. Heterophyid Metacercariae in Free Living and Farmed Fish of El-Max Bay, West of Alexandria, Egypt. **Accepted for publication in Parasitologists United Journal 2014**

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**4.Hamdy H.AM, El-sayad M.H,**Sadek N. ,Elhammamy R.The oxidative stress and platelet activation in patients infected with T. gondii. Bulletin of high institute of public health 2013; 43 (1):83-97

**5. El-sayad M.H, El-Taweel H A, Sabah G El- Banna.** Evaluation of some micronutrients and antioxidant biomarkers and total antioxidant capacity in human giardiasis. Parasitologists united journal 2011; 4:211-218.

**6. Elsayad MH, Tolba MM, Yehia M AH, Ahmed AS, Abou-Holw SA.** Human subcutaneous Dirofilaria: Report of two cases of Dirofilaria repens in Alexandria, Egypt. PUJ; 2012, 5(1): 67-72). And In books of the 87<sup>th</sup> annual meeting for the American Society of Parasitologists, Richmond, USA, 2012.

7. **El-Sayad MH**, Lotfy WM. Effect of storage on the infectivity of *Vampirolepis nana* var. *nana* eggs to Swiss albino mice. The Iranian Journal of Public Health 2005; 34: 29-34.
8. Hussein N.G, Mahmoud M.M, **El-Sayad M.H.** and Abdel-Tawab M. S. Human chronic fascioliasis: a possible cause of unexplained abnormal liver tests. British Journal of Biomedical science 2004; 61(4): 211-214.
9. Saudi MNS, **El-Sayad MH** and Abou El-Hoda M. 3- Cyanopyridines derivationness, novel fasciolicidal candidates. Alex. J. Pharm Sci.2002; 16(2): 75-82.
10. Mahmoud MM, Gaber NA, **El-Sayad M.H** and Abdel Tawab MS: Human chronic fascioliasis : Study of liver enzymes and detection of association with hepatitis Bor C viruses if any. J. Med. Res. Inst. 2002; 23(3): 114-123.
11. **El-Sayad M.H** and Shehab AY: Human myiasis in Alexandria Egypt. J. Med. Res. Inst. 2002, 23(2): 126-131.
12. Shehab AY, Allam AF, and **El-Sayad M.H**: Serum 1GM. Does it relate to the level of chronicity in fascioliasis? J. Egypt Soc. Parasitol 2002, 32(2): 373-380.
13. **El-Sayad. M.H**, and Lotfy WM.: A comparative study on the effect of Praziquantel and Triclabendazole on *Vampirolepis nana* in vitro J. Egypt. Soc. Parasitol. 2002, 32(1): 219-228.
14. **El-Sayad M.H.**, Lotfy WM, El-Kholy S.M and Yehia M.A.H.: Efficacy of praziquantel against *Giardia lamblia* in Rats: Parasitological, histopathological and therapeutic study. J. Egypt. Soc. Parasitol . 2002, 32(1): 201-218.
15. **El-Sayad M.H**, Yehia M.A, and Ali A.M.: Experimental studies on Triclabendazole in treatment of schistosomosis. Bull. Alex. Fac. Med. 2001; XXXVII (1): 59-70.
16. Allam AF, **El-Sayad M.H**, Khalil S.S: Laboratory assessment of the molluscicidal activity of *Commiphora Molmol* (Myrrh) on *Biomphalaria alexandrina*, *Bulinus truncatus* and *Lymnaea cailliaudi*, J. Egypt. Soc.

- Parasitol. 2001, 31(3): 683-690.
17. **EI-Sayad M.H.**, Allam AF and Shehab A.Y, The circumoval precipitin reaction in *Fasciola*. Detection of shell pores by scanning electron microscopy. J. Egypt. Soc. Parasitol. 2000, 30(3): 655-660.
  18. **EI-Sayad M.H.** And Abdel Mawla A.A: Effect of Triclabendazole on *Fasciola gigantica* and *Schistosoma mansoni* worms in vitro: Parasitological, Histopathological, Histochemical and Scanning electron microscopy studies. J. Med. Res. Inst. 2000, 21(3): 115-129.
  19. Dowider N., **EI-Sayad. M.H.**, Osman M, Salam. A.: Endoscopic therapy of resistant fascioliasis Gastrointestinal endoscopy 1999; 50(3): 345-35 1.
  20. **EI-Sayad M.H.** Hassan F.A, Hussein E.H.: Studies on the molluscicidal effect of some seed oils of Forest trees grown in Egypt. J.Med. Res. Inst. 1999; 20(1): 9-15.
  21. Hanaa El Aggan, **EI Sayad M.H**, Abd El Rehim, WM.On the etiology of anaemia in human fascioiasis Egypt. J. med, Sci. 1998; 19(2): 631-646.
  22. Ashour Abdel Mawla, **Mona H. EI-Sayad** and Mohamed G.Hishmat. Comparative studies on the effect of Bithionol, Praziquantel and Triclabendazole on Rabbits Fascioliasis II. Histopathological and histochemical studies of the liver. J. Med. Research Instit Vol.19, 1998.
  23. Allam AF, **EI-Sayad MH**, Shehata MI and Abd El-Rehim WM. Effect of Triclabendazole treatment on lipid peroxides and Erythrocyte glutathione reductase in acute and chronic human fascioliasis. J. Med Res. Inst. 1998, 19: 42-5 1.
  24. **EI-Sayad M.H.** Comparative studies on the effect of Bithionol, Praziquantel and Triclabendazole in Rabbit's Fascioliasis; 1. Parasitological studies. J. Egypt. Soc. Parasitol. 1997; 27(1):13 1-142.
  25. **EI-Sayad M.H.** and Allam A.F. Effect of Triclabendazole on the tegument of *Schistosoma mansoni*: Ascanning electron microsopic study. J. Egypt. Soc. Parasitol. 1997; 97(1): 143-152.
  26. **EI-Sayad M.H.** Allam A F and Osman M.M. Prevention of Human

- Fascioliasis: A study on the role of acids detergents and potassium permanganate in clearing salads from metacercariae. J. Egypt. Soc. Parasitol. 1997; 27: 163-169.
27. Farag H.F., Osman M.M., Khalil S.S., **EI-Sayad M.H.**: Evaluation of the Kato thick smear technique for epidemiological surveys in areas with low *Schistosoma mansoni* endemicity. Bulletin of High Institute of Public Health . 1995; 25: 369-372.
  28. Farag H.F., **EI-Sayad M.H.**, and Osman M.M. Metacercarial precipitin test for diagnosis of human fascioliasis. J Trop. Med. and Hyg. 1995; 98: 428-430.
  29. Farag H.F. and **EI-Sayad M.H.** *Biomphalaria alexandrina* naturally infected with *Fasciola gigantica* in Egypt. Trans. Roy. Soc. Trop. Med. and Hyg. 1995; 89: 36.
  30. Abou Basha L.M, **EI-Sayad M.H.**, Allam A.F, and Osman M.M. The Effect of *Ambrosia maritima* (Damsissa) on the viability of *lymnaea cailliaudi*; An Experimental study. J. Egypt. Soc. Parasitol. 1994; 24(3): 513-517.
  31. Nasra M.K., Allam A.F., E1-Kholy S.M., and **EI-Sayad M.H.** Serum iron, Copper and zinc in Acute and chronic facioliiasis. Egypt. J. Med Sci. 1994; 15: 677-687.
  32. Mossaad M.M., Nasr. F.I, EI-Kholy S.M. and **E1-Sayad M.H.** A study on some mineral elements in *Biomphalaria alexandrina* and *lymnaea cailliaudi* snails exposed to *Ambrosia maritima*. Egypt J. Med. Sci. 1994; 15(1): 163-171.
  33. Abou Basha L.M., Khalil S.S., and **EI-Sayad M.H.** Effect of praziquantel and oltipraz on tegument, gastroderms and vitelline cells of *Schistosoma mansoni* worms: an ultrastructural study. Egypt J. Med. Sci. 1994; 15 (1): 191-202.
  - 34 . **EI-Sayad M.H.**, Allam A.F., and Khalil S.S. Effect of temperature on the development and viability of the larval stages of *Fasciola gigantica*. Egypt. J. Med. Sci. 1994; 15 (1): 203-210.

35. Khalil S.S., Osman M.M., and **El-Sayad M.H** *Fasciola* miracidial immobilization test in the diagnosis of human Fascioliasis. Egypt. J. Med. Sci. 1993; 14 (2): 497-502.

## **SUPERVISION OF THESES**

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-Supervision of considerable numbers of master and PhDs thesis.

### **A. Master Theses**

1. "Ultrastructural study on the effect of Triclabendazole in vitro on the immature liver flukes". A protocol of Master Thesis submitted to the Parasitology Department, Medical Research Institute-Alexandria University. (1995-1998).

❖ دراسة عن التركيب الدقيق لديدان الدودة الكبدية و المزروعة في انايب الاحتبار في وجود عقار

التركيب الدقيق لديدان الدودة الكبدية و المزروعة في انايب الاحتبار في وجود عقار

2. "Ecological factors affecting the prevalence of some parasitic infections among elementary school children in a village in west Alexandria". A protocol of Master Thesis submitted to the Parasitology Department .High Institute of Public Health Alexandria University. (1998-2002)

❖ العوامل الايكولوجية المؤثرة على انتشار بعض الامراض الطفيلية بين اطفال مدارس التعليم الاساسى فى

قرية بغرب الاسكندرية"

3. "Parasitological and Biochemical studies on the efficacy of praziquantel treatment on mice infected with *Hymenolepis nana*". A protocol of Master Thesis submitted to the Applied Medical Chemistry Department, Medical Research Institute-Alexandria University. (2002-2005)

❖ دراسات طفيلية و بيوكيميائية عن تاثير عقار البرازيكونتال فى الفئران المصابة بالهيمينوليس نانا

- 4- "A comparative study on flotac, formalin ether concentration and kato-katz techniques for copromicroscopic diagnosis of human intestinal parasites". A protocol of Master Thesis submitted to the Parasitology Department, Medical Research Institute-Alexandria University. (2012-2013)

❖ دراسة مقارنة عن تقنيات الفلوتك والفورماين ايشر والكاتو كاتز فى التشخيص المجهرى لطفيليات

المعوية فى براز الانسان

- 5- "Detection of *Toxoplasma Gondii* in Blood Donors in Alexandria, Egypt: Serological and Molecular Studies". A protocol of Master Thesis submitted to the Parasitology Department, Medical Research Institute-Alexandria University. (2013-2014)

❖ الكشف عن التوكسوبلازما جوندى فى دم المتبرعين بالدم فى الاسكندرية ،مصر: تحليل مصلى وجزئى

- 6- "Study of the efficacy of Nitazoxanide, Myrrh Total Oil and Mirazid in comparison with Praziquantel in experimental *Schistosomiasis mansoni*". A protocol of Master Thesis submitted to the Parasitology Department, Medical Research Institute-Alexandria University (2010-2014).

❖ دراسة فاعلية عقار النيتازوكسانيد والزيت الكلى لنبات المر والميرازيد مقارنة بالبرازيكونتيل علي

البلهارسيا المعوية التجريبية .

- 7- "Evaluation of Formalin Ethyl Acetate, Percoll Sedimentation techniques and Capture ELISA for Detection of *Cryptosporidium* in Fecal Samples of preschool



and school children". A protocol of Master Thesis submitted to the Parasitology Department, Medical Research Institute-Alexandria University ( 2014- Till now )

❖ تقييم تقنية الفورمالين خلات الإيثيل والبيركول والإليزا للكشف عن خفيات الأبواغ الصغيرة في عينات

البراز.

**8-** Humoral immune responses to *Helicobacter pylori* and some biochemical and hematological parameters in patients with *Helicobacter pylori* and *Schistosoma mansoni* single or combined Infection. A protocol of Master Thesis submitted to the Parasitology Department, Medical Research Institute-Alexandria University ( 2014- Till now )

## **B. Doctorate Thesis:**

**1.** "An epidemiological study of human fascioliasis in Abis village 8". A protocol of Doctorate Thesis submitted to the Parasitology Department, High Institute of Public Health, Alexandria University (1996-2001).

❖ دراسة وبائية لاصابة الانسان بالذودة الكبدية في قرية ايس (8)

**2.**"A study on Role of Oxidants and Antioxidants in Human Schistosomiasis Patients". A protocol of Doctorate Thesis submitted to the Department, Institute Of Graduate Studies and Research, Alexandria University.( 2007-2010)

❖ دراسة على دور الاكسدة و مضادات الاكسدة في مرضى البلهارسيا

**3.** "Study of protozoan contamination in the sources of drinking water in Alexandria Governorate". A protocol of Doctorate Thesis submitted to the Parasitology Department, Medical Research Institute-Alexandria University. (2011-2013)

❖ دراسة التلوث بالبروتوزوا في مصادر مياه الشرب بمحافظة الإسكندرية.

A protocol of Master Thesis submitted to the Parasitology Department, Medical Research Institute-Alexandria University by Shaban Hassan Abu Kabsha in 2010.

A protocol of Master Thesis submitted to the Applied Medical Chemistry Department, Medical Research Institute-Alexandria University by Anwar Mohsen Mostafa Ezz in 2002.