

---

# Curriculum Vitae

---

(2008/07/13)

## Personal Details

---

Name: Hoda Fahmy Farag

Date of Birth: 1/6/1936

Country of Birth: Egypt

Marital Status: Married

Job: Professor of Parasitology in Parasitology Department , Medical Research Institute, Alexandria University

## Contact

---

Address:

Telephone:

Fax:

e-mail:

Mobile:

## Affiliation

---

Parasitology Department , Medical Research Institute, Alexandria University

## Qualification

---

MBBCH 1962 Faculty of Medicine ,Alexandria University.

DPH 1965 High Institute of Public Health.

MD 1970 Faculty of Medicine(Thesis:Field and experimental studies on the canal of Transmission of Bilharziasis).

DTM&H 1971 Faculty of Medicine ,Alexandria University.

## Appointments

---

House Officer:	March 1962- March 1963	Alex. Un. Hospitals
General practitioner:	March 1962-November1963	MOH
Research Assistant:	November1963-April 1970	MRI Parasitol.Depart. MRI Alex. Un.
Lecturer:	1970-1975	" " "
Assistant professor:	1975-1980	" " "
Professor:	1980-	" " "
Head of Parasitology Dept:	1993-1996	

## Courses, Meetings & Conferences

---

- member of the WHO study group on "control of food borne trematode infections"Manila 18-26 October 1993.
- Participated as WHO temporary Adviser in the regional work shop on comprehensive approaches for control of intestinal parasitic infection.Amman,Jordan,12-15 December 1994 and presented atopic on "Intestinal Protozoan Infections".
- WHO temporary adviser to participate in the Regional conference on "Emerging Infectious Diseases"26-29 November 1995 and presented atopic on "Fascioliasis in the Region".
- WHO temporary adviser in the field of parasitic diseases,as a Member of the selection committee of the EMRO/TDR/CTD small grants programme for control of oriented research in Tropical diseases.14-15 January 1996.

## Publications

---

- 1-abdou AH,Heyberger K and **Farag HF** (1967):A serological study on leptospirosis in animals in Alexandria. Alexandria Med J 13:36-41.
- 2- **Farag HF**,Hanna AT and Halawani AA(1971):Critical evaluation on the intradermal test as atool in diagnosis in field survays on Bilharziasis in school children. J Egypt Med Ass54:385-391.

- 3-Sherif AF, **Farag HF** and Hanna AT (1972):Therapeutic and chemoprophylactic potentials of hycanthone in experimental schistosomiasis mansoni.Bull High Ins Publ Hlth 2:47-55.
- 4- **Farag HF**(1974):Experimental animals as monitors in studying transmission and endemicity of Schistosoma mansoni.Tropenmed Parasitol 25:60-65.
- 5-Sherif AF, **Farag HF**,Youssef MM and Hammouda NA(1975):Potential prophylactic effect of an organophosphorous compound on Schistosoma mansoni infection. Bull High Ins Publ Hlth 5:1-8.
- 6-Bout D,Dugimont JC, **Farag HF** and Capron A(1975):Le diagnostic immunoenzymologique des affections parasitaires II-Immunoenzymologie quantitative (ELISA).Lille Medical 6:556-560.
- 7- **Farag HF**,Bout D Capron A(1975):specific immunodiagnosis of human Hydatosis by the enzyme-linked immunosorbant assay(ELISA).Biomedicine 23:276-279.
- 8- Halawani AA, Sherif AF,EL-Sheikh H,Mohamed YS and **Farag HF**(1975):studied on Schistosoma mansoni.Cultivation of Schistosoma mansoni on partially synthetic medium. Bull High Ins Publ Hlth 5:35-44.
- 9- **Farag HF**,Girgis RS, Sherif AF, Hanna AT(1976):Hycanthone in experimental schistosomiasis, studies on liver pathology in mice treated with one and two doses. J Egypt Med Ass 59:439-447.
- 10- **Farag HF**,Barakat RMR and EL-SawyM(1976):A comparative study of the ELISA and IHA in the diagnosis of schistosomiasis and their relation to intensity of infection. Bull High Ins Publ Hlth 6:29-35.
- 11- Halawani AA, **Farag HF** and Awadalla HN(1977):studies on experimental mixed infection of S.haematobium and S.mansoni in albino mouse.Tropenmed Parasit 28:478-480.
- 12-Saad AA, **Farag HF**,EL-zoghby SM,Mostapha MM and Girgis LH(1977):B-glucuronidase activity in liver and spleen homogenates of mice experimentally infected with Schistosoma mansoni.Acta Vitamin Enzymol 31:179-182.
- 13- Saad AA, EL-zoghby SM, **Farag HF**,El-Sewedy SM, Girgis LH and Moghazy M(1977):Biomedical studies on B-glucuronidase in the urinary bladder of normal and Schistosoma mansoni infected mice treated with hycanthone. Acta Vitamin Enzymol 31:183.
- 14- **Farag HF** and Barakat RMR(1978):The enzyme-linked immunosorbant assay ELISA in the diagnosis of human bilharziasis. Tropenmed Parasit 29:12-14.

- 15- **Farag HF**, Barakat RMR, Awadalla HN and El-Gohary Y(1978):Diagnosis of bilharziasis (S.haematobium and S.mansoni)by the ELISA using the homologous antigen. Tropenmed Parasit 29:413-416.
- 16- **Farag HF**,Youssef MM,Hammouda NA and Awadalla HN(1978)Oogram studies with Biltracil in S.mansoni and s.haematobium infected mice.J Egypt Soc Parasitol 8:1-7.
- 17-Saad AA, EL-zoghby SM, **Farag HF**,El-Sewedy SM, Girgis LH and Moghazy M(1978): Biomedical studies on B-glucuronidase in the urinary bladder of normal and Schistosoma mansoni infected mice treated with hycanthone.Biochem Pharmacol 27:473-474.
- 18- **Farag HF**, Girgis RS,Michael AI and Gazayerli IM(1978):Histopathological and histochemical studies in experimental prepatent schistosomiasis mansoni. J Egypt Med Ass 61:285.
- 19- Hammouda NA,Youssef MM, Girgis RS,Michael AI and **Farag HF**(1978):The effects of schistosomicidal drugs on host tissues in experimental prepatent schistosomiasis mansoni.1- Histopathological and histochemical studies on liver and spleen. J Egypt Med Ass 61:411-425.
- 20- Awadalla HN, EL-Sheikh HE and **Farag HF**(1978):Local development of Schistosoma mansoni in the lung of mice. J Egypt Med Ass 61:457-462.
- 21- Hammouda NA,Youssef MM and **Farag HF**(1978):Egg laying and extrusion as modified by challenge infection in experimental schistosoma mansoni. J Egypt Soc Parasitol 8:167-174.
- 22- Michael AI, Hammouda NA,Youssef MM, Girgis RS and **Farag HF**(1978): The effects of schistosomicidal drugs on host tissues in experimental prepatent schistosomiasis mansoni.2- Histopathological and histochemical studies on lung,spleen and kidneys. J Egypt Med Ass.
- 23-Ragab M and **Farag HF**(1978):on human fascioliasis in Egypt. J Egypt Med Ass 61:773-780.
- 24- Michael AI, Awadalla HN and **Farag HF**(1979):Granuloma size in liver of mice with S.haematobium and s.mansoni challenge. Tropenmed Parasit30:62-64.
- 25- Michael AI, **Farag HF**, Barakat RMR and Youssef MM(1979):Indirect immunoperoxidase tests in diagnosis of schistosomiasis. . Tropenmed Parasit30:423-425.
- 26-, **Farag HF**, Barakat RMR, Ragab M and Omar I(1979):A focus of fascioliasis in the Nile Delta,Egypt.J Trop Med Hyg 32:188-190.
- 27- Youssef MM and **Farag HF**(1979):on the the eosinophils,IgE and ELISA values in human schistosomiasis. J Egypt Soc Parasitol 9.

- 28-Khalil M, Aref MK, Hammouda NA, **Farag HF**, Abaza HH , Amin SM and Abdou E(1979):The diagnostic significance of some immunological tests in relation to age in children suffering from schistosomiasis. Bull Alex Fac Med.
- 29-ELkholy ZA, EL-zoghby SM, **Farag HF**, Eltoukhy MA, Saad AA and Abdel Tawab GA(1979):Influence of Astiban on liver, spleen , kidney and bladder B-glucuronidase of normal and *Schistosoma mansoni* infected mice. Biochem Pharmacol 27:3171.
- 30- **Farag HF**, Awadalla HN , Girgis RS and Michael AI(1980):*Schistosoma haematobium* infection in the white mouse. Histopathological and histochemical studies. Angew Parasit 21:20-26.
- 31-Aboul Atta NA, **Farag HF** and Abou Basha LM(1980):Host parasite relationship in combined *Schistosoma mansoni* and *Trichinella* infection in mice. J Med Res Inst 1:211-219.
- 32-EL-Sawy MF, Barakat RMR, Kotkat A, **Farag HF**, Hassan H and Abdel Gelil AG(1981): Effect of some drugs on susceptibility to schistosomiasis infection in mice. Bull High Ins Publ Hlth 6:25-37.
- 33- Michael AI, **Farag HF**, Aboul Atta NA and Gawish N(1981):Studies on the thymus gland of mice with *Schistosoma mansoni*, *Trichinella spiralis* and mixed infection. J Egypt Soc Parasitol 11:365-371.
- 34- **Farag HF**, Youssef MM, Girgis RS, Abou Basha LM and Fouad ME(1981):Parasitological and histopathological studies on the effect of immunosuppressant drugs in experimental *Schistosoma mansoni*. J Egypt Soc Parasitol 11:59-66.
- 35- Abou Basha LM, El-Magdoub AA, Hosny KMF, Michael AI , Eltoukhy MA, Ebeid SM, **Farag HF** and EL-zoghby SM(1982):Alpha esterase enzyme in liver of rabbits infected with *Fasciola gigantica* and treated with bithionol. J Egypt Soc Parasitol 12:389-494.
- 36- Aboul Atta NA, Michael AI and **Farag HF**(1982):The effect of *Trichinella spiralis* on *Schistosoma mansoni* liver granuloma. J Egypt Soc Parasitol 12:65-69.
- 37- Abou Basha LM, Michael AI, Awadalla HN and **Farag HF**(1982):Effect of hydrocortisone on bilharzial mouse small intestine. Enzyme histochemical studies. J Egypt Soc Parasitol.
- 38-Ragab M, Abou Basha LM, **Farag HF** and Sadek N(1982): Treatment of fascioliasis:A comparative study between two drugs. The Annual Scientific Cong Fac Med Alex University 12-15 March: Abst.N. 196.
- 39-Girgis RS, EL-Assi MH, Abdel-Aziz AS, **Farag HF** and Amin MF(1982):Cells morphologically resembling Stemberg-Reed Cells in the lymph nodes of methotrexate treated *Schistosoma mansoni* infected mice. Bull Alex Fac Med XVII:71-74.

- 40- Abou Basha LM, El-Magdoub AA, Ebeid SM, Eltoukhy MA, Michael AI, Hosny KMF, EL-zoghby SM, **Farag HF** and EL-Sawy MF(1983):Effect of bithionol on B-glucuronidase in serum and liver of rabbits infected with *Fasciola gigantica*. J Egypt Soc Parasitol 13:231-238.
- 41- AI, Girgis RS, EL-Assi MH, Abdel-Aziz AS, **Farag HF** and Amin MF(1983):Effect of Methotrexate on response of eosinophils to *Schistosoma mansoni* infection in mice. West Afr Med J 60:608-611.
- 42- Abou Basha LM, **Farag HF**, El-Hifni SA, Michael AI, Hosny KMF and Salman ZK(1983):Rabbit fascioliasis under bithionol treatment. Bull Alex Fac Med XIX:983-992.
- 43- Eltoukhy MA, Ebeid SA, Saad AA, Abou Basha LM, **Farag HF** and El-Magdoub AA(1983):The effect of fasciolicidal drug bithionol on the B6 dependant kynurenine metabolizing enzyme: kynurenine hydratase and kynurenine aminotransferase in the liver homogenates of normal and *Fasciola gigantica* infected rabbits. Bull High Ins Publ Hlth 13:1-12.
- 44- Saad AA, Ragab M El-Kholy Z, Abou Basha LM, **Farag HF** and Eltoukhy MA(1984): B-glucuronidase activity in sera of patients with *Schistosoma mansoni* and *Fasciola gigantica*. Bull High Ins Publ Hlth 14:95-99.
- 45- **Farag HF**(1985):Intestinal parasitosis in the population of the Yemen Arab Republic. Trop Geograph ?med 37:28-31
- 46- Amin SM, Zaki S, Saleh S, Zaki A and **Farag HF**(1986):Genetic studies in children with gardiasis J Egypt Soc Parasitol 16:477-485.
- 47- **Farag HF**, Ragab M, Salem A and Sadek N(1986):A short note on praziquantel in human fascioliasis. J Trop Med Hyg 89:79-80.
- 48- Abou Basha LM, **Farag HF**, Fikry NM, Girgis RS and Skander SW(1986):Ultrastructural study of the liver of *Schistosoma mansoni* infected mice under praziquantel and oltipraz. Egypt J Med Sc 7: 267-277.
- 49- Salem AE, Abou Basha LM and **Farag HF**(1987):Immunoglobulin levels and intensity of infection in patients with fascioliasis single or combined with schistosomiasis. J Egypt Soc Parasitol 17:33-40.
- 50- **Farag HF**, Youssef MYM and Hassan Em(1988):A anti-schistosoma and anti-fasciola antibody level in single and combined infection. J Med Res Inst 9:9-17.
- 51- **Farag HF**, Hassan EM and Salem A(1988):Circulating immune complexes in *Fasciola* and *Schistosoma* infection. J Med Res Inst 9:1-8.
- 52- **Farag HF**, Salem A, El-Hifni SA and Kandil m(1988):Bithionol, (Bitin) treatment in established fascioliasis in Egyptians. J Trop Med Hyg 91:240-244.

- 53- Hassan EM, Abdel Rahman SZ and **Farag HF**(1988 and treated with praziquantel.8):Effect of polyclonal b-lymphocyte activation Schistosoma mansoni infection on splenic B-glucuronidase enzyme in mice. Bull High Ins Publ Hlth VIII:361-370.
- 54-**Farag HF**, Fikry N, Abou Basha LM and Girgis RS(1989):a study of the ultrastructure of intestines of mice experimentally infected with S.mansoni J Egypt Soc Parasitol 19:279-283.
- 55- Michael AI, **Farag HF**, Girgis RS and Fikry N(1989):Ultrastructural and ultracytochemical studies on the effect of bithionol on the bilharzial liver.Int Cong Trop Med and malaria Abst Tup-7-7 p.151.
- 56- **Farag HF**, Michael AI and Marei NG(1988):An exoerimental study on the effect of bithionol, a fasciolicidal drug ,on the bilharzial liver.Biennial conference on chemotherapy of infectious diseases and malignancies.Abst.No 458.
- 57-Mostafa MH,Swelem SM and **Farag HF**(1989):Modification of cytochrome P-450. NADPH-cytochrome c reductase and aryl hydrocarbon hydroxylase activities by schistosomicidal drugs.Biochemical Pharmacology 38:251-255.
- 58- Abou Basha LM, Salem A,Zaki YH and **Farag HF**(1989):Ultrasonography in the diagnosis of human fascioliasis.J.Med.Res.Inst. 10:193-202.
- 59- Abou Basha LM,Fadali G, Salem A and **Farag HF**(1989):Effect of bithionol on peripheral lymphoid organs of S.mansoni infected mice:A histopathological study.J.Med.Res.Inst. 10:225-238.
- 60- **Farag HF**(1989):Resettlement,schistosomiasis and research.On control efforts in Alexandria, Egypt.Proc.of the 3<sup>rd</sup> Int. and Pan-Arab seminar Amman ,Jordan,17-20 october. PP.171-184.
- 61- **Farag HF**(1990):Epidemiology,diagnostic and therapeutic problems of schistosomiasis in Egypt.Proc.1<sup>st</sup> Int. Cong. On Imaging diagnosis of infectious diseases.Rome-Italy 18-20 October . PP.28-38.
- 62- Hassan EM, **Farag HF**(1991):Effect of lipopolysaccharide injection on worm load in mice infected with S.mansoni.J.Med.Res.Inst. 12:217-221.
- 63-Ossman MM,Zaki A,Abu Samra L, **Farag HF** and Youssef MM(1992):Evaluation of Fasciola somatic antigenic fractions in the diagnosis of human fascioliasis. J Egypt Soc Parasitol.22:27-35.
- 64- Hassan EM, **Farag HF**,El-Sayed LH and Sheira OR,production and renal deposition of urine complexes in S.mansoni infected mice after polyclonal B cell activation by bacterial lipopolysaccharide.J.Med.Res.Inst.1992 13:61-74.

- 65-El-Sharkawy A,El-Toukhy M ,Abdel Rahman SZ,El Kholy Z, **Farag HF**,El-Zoghby S and Gaber N(1993):An experimental study on the effect of praziquantel and oltipraz on some lysosomal enzymes. *J Trop Med Hyg.* 96:28-34.
- 66- **Farag HF**,Salem AJ,Khalil SS and Farahat A(1993):Studies on human fascioliasis in Egypt. 1.Seasonality of transmission. *J Egypt Soc Parasitol.*23:331-340.
- 67-Ebeid SA, El-Toukhy M , El-Zoghby SM,Saad AA, **Farag HF**,Kandil S andIbrahim MM(1993): Studies on serum B-glucuronidase activity and urinary tryptophan metabolites in human fascioliasis. *J Trop Med Hyg.*96:151-156.
- 68-Rim HG, **Farag HF**,S.sornmani and Cross JH(1994):Food-borne trematodes:Ignored and emerging .*Parasitology Today* 10:207-209.
- 69- **Farag HF**,El-Sayed MH and Osman MM(1995):Metacercarian precipitin test for diagnosis of human fascioliasis. *J Trop Med Hyg.*98:428-430.
- 70- **Farag HF**, Osman MM, Khalil SS and El-Sayed MH(1995):Evaluation of the Kato thick smear technique for epidemiological survays in areas with low *Schistosoma mansoni* endemicity. *Bull High Ins Publ Hlth* 25:369-372.
- 71-Osman MM,Rashwan E and **Farag HF**(1995):Phagocytic activity of neutrophils in human fascioliasis before and after treatment. *J Egypt Soc Parasitol* 25:321-327.
- 72- **Farag HF** and El-Sayed MH(1995):*Biomphalaria alexandrina* naturally infected with *Fasciola gigantica* in Egypt.(short report).*Trans Roy Soc Trop Med Hyg*89:36.
- 73-Osman MM,Shehab AY,EL-Masry SA,Helmy MH and **Farag HF**(1995):Evaluation of *Fasciola* excretory –secretory (E/S)product in diagnosis of human fascioliasis by IgM ELISA.*J Trop Med Parasitol* 46:115-118.
- 74-**1999**: A Y Shehab; E M Hassan; L M Abou-Basha; E A Omar; M H Helmy; H N El-Morshedy; **H F Farag**.Detection of circulating E/S antigens in the sera of patients with fascioliasis by IELISA: a tool of serodiagnosis and assessment of cure. *Tropical Medicine and International Health*: 1999; 4(10):686-90.
- 75-**1999**: A Y Shehab; L M Basha; H N El-Morshedy; M Abdel-Fattah; M M Osman; **H F Farag**.Circulating antibodies and antigens correlate with egg counts in human fascioliasis. *Tropical Medicine and International Health*: 1999; 4(10):691-4.
- 76-**2000**: L M Abou-Basha; A Y Shehab; M M Osman; **H F Farag**.Specific IgG avidity in acute and chronic human fascioliasis.*Eastem Mediterranean Health Journal* 2000; 6(5-6):919-25.
- 77-**2002**: H el-Morshedy; A Y Shehab; A Zaki; **H F Farag**.Intra-specimen and day-to-day variations of *Fasciola* egg counts in human stools. *Eastern Mediterranean Health Journal* 2002; 8(4-5):619-25.



78-**2009**: A F Allam; O Kader; A Zaki; A Y Shehab; **H F Farag**. Assessing the marginal error in diagnosis and cure of *Schistosoma mansoni* in areas of low endemicity using percoll and PCR techniques. *Tropical medicine and International Health*: 2009; 14(3):316-21.

79-**2010**: M M Osman; H A El-Taweel; A Y Shehab; **H F Farag**  
Ineffectiveness of myrrh-derivative mirazid against schistosomiasis and fascioliasis in humans. *Eastern Mediterranean Health Journal* 2010; 16(9): 812-16.

80-**2011**: M M Osman; A Y Shehab; A Zaki; **H F Farag**. Evaluation of two doses of triclabendazole in treatment of patients with combined schistosomiasis and fascioliasis. *Eastern Mediterranean Health Journal* 2011; 17(4):266-70.

81-Abdul-Ghani R, **Farag HF**, Allam AF (2013). Sulfadoxine-pyrimethamine resistance in *Plasmodium falciparum*: A zoomed image at the molecular level within a geographic context. *Acta Tropica* 125 :163– 190.

82. Rashad Abdul-Ghani, **Hoda F. Farag**, Amal F. Allam, Sherine M. Shawky, Abdulsalam M. Al-Mekhlafi (2013). Mutant *Plasmodium falciparum* chloroquine resistance transporter in Hodeidah, Yemen: Association with parasitologic indices and treatment-seeking behaviors. *Acta Tropica* 128 : 473– 478.

83- Rashad Abdul-Ghania,b,\*, **Hoda F. Faraga**, Amal F. Allama, Sherine M. Shawky (2014). Prevailing *Plasmodium falciparum* dihydrofolate reductase 108-asparagine in Hodeidah, Yemen: A questionable sulfadoxine–pyrimethamine partner within the artemisinin-based combination therapy. *Acta Tropica* 132 : 39– 44

84- Rashad Abdul-Ghani & **Hoda F. Farag** & Amal F. Allam & Ahmed A. Azazy (2014). Measuring resistant-genotype transmission of malaria parasites: challenges and prospects. *Parasitol Res.* DOI 10.1007/s00436: 3789-9

## Supervision of Thesis

---

More than 50 of Masters and PhDs Thesis.

## Experiences:

---

- Participant in The International and Pan-Arab Seminar on Zoonotic and parasitic diseases(Jordan1989)
- Member in evaluation of research grants in EMRO.
- Member of the WHO study group on the control of food –borne trematode infections(Manila 1993)
- participated in the WHO Regional conference on "Emerging Infectious Diseases(Cairo 1995)
- Member in the WHO Regional Workshop on comprehensive approaches for control of intestinal parasitic infections(Jordan 1994)

## Others:

---

### Research projects:

- environmental and community studies on the evaluation of Damsissa for schistosomiasis control in Egypt  
II(Studies in a Resettlement Area)(1988-1991) sponsored by IDRC
- Studies on the extending outbreak of human fascioliasis among Egyptians (1991-1992) sponsored by WHO.
- Evaluation of integrated approach of Schistosomiasis control(Chemotherapy and Snail Control)in a Resettlement Area West of Alexanderia.Sponsered by WHO 1993-1994.
- Evaluation of Triclabendazol in the Treatment of Human Fascioliasis.Sponsered by the MOH Egypty 1995-96.
- Studies onPraziquantal Resistance.With the Italian Cooperation Project since 1990.
- one of the staff members of the following projects:**
  - 1-"Detection and quantification of low Schistosoma mansoni infection by real time PCR in apparent negative cases after control"Proposal ID no SGS10/72.Sponsered by WHO .(2010-2012).

- 2- "Assessment of the marginal error in the diagnosis of and cure from Schistosoma mansoni low endemic areas using more sensitive techniques" Sponsered by WHO(2006-2007).TDR:SGS05/229 Reg. File T5/72/6(WHO)
- 3-Evaluation of Ambrosia maritime in control of schistosomiasis:filed and experimental studies and comparison with other plant molluscicides" Sponseed by Ministry of Agriculture(2000-2002).
- 4-"Control of snail intermediate host of schistosomiasis using different molluscicides" Sponsered by WHO(1997-1998)

**Principal investigator of the following projects**

- 1-control of schistosomiasis in Resettlement area Sponsered by IDRD(1988-1990).
- 2- Studies on the extending outbreak of human fascioliasis among Egyptians (1991-1992) sponsored by WHO.
- 3- Evaluation of integrated approach of Schistosomiasis control in a Resettlement Area West of Alexanderia.Sponsered by WHO 1993-1994.
- 4- Triclabendazol(CGP 23 030) in the Treatment of chronic Fascioliasis in man.Sponsered by the MOH Egypy 1995-96.

**Awards :-** Win the prize of Alexandria University Scientific Award in 1978.

**Scholar ships:1973-1974 in** Immunoparasitology Faculty of Medicine Lille france.