

Short CV Format

Name:	Eman Ali Mohamed Mostafa	Photo
Date of Birth:	9/4/1957	
Last University Degree – Faculty - University – Country - Graduation Date	<p>BSc. In Science, Ain Shams University, 1980.</p> <p>-M.Sc. in environmental science, Ain shams University, 1996.</p> <p>-Ph.D. in environmental science, Ain Shams University, 2005.</p>	
Affiliation:	Parasitology	
Current Position:	Full-time professor	
Contact information:	<p>E-mail: eman.aly60@yahoo.com Tel.: 01069953998</p>	
Experience and Research interest:	<p><u>Parasitology</u></p> <ul style="list-style-type: none"> ● Experience in outpatient lab of parasitology for examination of urine and stool which includes: <ul style="list-style-type: none"> - Complete urine analysis including identification of ectoparasites as phthyrus pubis which may contaminate urine. - Identification of parasitic ova, larvae and worm in stool samples. - Nucleopore filtration methods for count ova of <i>S. haematobium</i> in urine sample. - Kato technique for count ova of <i>S. mansoni</i> and other parasites in stool sample. ● Maintenance of schistosomes life cycle which includes: <ul style="list-style-type: none"> - Breeding of <i>Biomphalaria alexandrina</i> and <i>Bulinus truncatus</i> snails. - Hatching of <i>S. haematobium</i> and <i>S. mansoni</i> ova to give miracidia. - Infection of snails to obtain cercariae. ● Animal infection (tail immersion and subcutaneous or intraperitoneal injection and abdominal shave). ● Dissection and Perfusion to collect worms schistosomes or worms. ● Giving treatment either by oral or injection . ● Ova count in tissues (liver and intestine). ● Oogram of small intestine for counting the percentage of mature and immature stages. ● Intrapretonial, subcutaneous and intramuscular injections of different antigens and mitogens in experimental animals. ● Measurement of hepatic and pulmonary granuloma 	

	<p>size.</p> <ul style="list-style-type: none"> • Measurement of different essential enzymes (cysteine proteinase ,fatty acid binding protein) secreted from different parasites. • Biochemical studies with experience in determination of liver enzymes & kidney function tests, genetic structure and SDS-PAGE of protein & antigens extracted from different parasites. • Study the effect of inhibitors on different essential enzymes both invitro and invivo. <p><u>Immunology</u></p> <ul style="list-style-type: none"> • Detection of circulating schistosomal antibodies by enzyme immunosorbent assay (ELISA). • Preparation of polyclonal antibodies using different methods (Ammonium sulfate precipitation, Caprylic Acid, Batch methods and gel filtration). • Conjugation of different antibodies with Horse Redish peroxidase. • Determination of protein content using Bio-rad stain. • Screening and Evaluation of plants extracts and synthetic compounds. • Immunolocalization of Circulating shistosome antigens during different stages of experimental infection.
<p>Best Five Relevant Publications and/or granted patents <i>Authors (underline your name), year, title, Journal, vol. and pages</i></p>	
<p>1- Eman Ali Mohamed, Rabab S. Zalat, Mona Magdi, Nevine Guirguis and Soheir Mahmoud (2015): Effect of Combined Therapy with Albendazole and Sutrim in Experimental Cryptosporidiosis. Global Veterinaria 15 (2): 144-149.</p>	
<p>2-- Ahmed M.S. Bayoumy, Basma, M. Abou El-Nour and Eman Ali (2015): A Comparative Parasitological Study on Treatment of Hymenolepis nana among Immunocompetent and Immunocompromised Infected Mice. Global Veterinaria 15 (4): 414-422.</p>	
<p>3-- Soad Ismail1 , Iman Ali1 , Neimat Amer1 *, Zeinab Fahmy1 , Magda Azmy2 and Mona Magdy3 (2016) : Susceptibility of Blastocystis hominis to monolaurine (Lauric acid), lactoferine (Lactobacillus acidophillus) and metronidazole: An in vitro and in vivo studies. African Journal of Pharmacy and Pharmacology 10(2): 14-25</p>	
<p>4- Shaimaa Helmy El-Sayed, Neimat Amer, Soad Ismail, Iman Ali, Enas Rizk, Mona Magdy and Ayman Abdel-Moamen El-Badry (2017): In Vitro and In Vivo Anti-blastocystis Efficacy of Olive Leaf Extract and Bee Pollen Compound. Research Journal of Parasitology, 12: 33-44.</p>	
<p>5- Mahmoud SS, Aly E, FahmyZH., El Shenawy A (2019): Effect of Commiphora molmol (Myrrh) Extract on Mice Infected by Giardia lamblia. Journal of Biosciences and Medicines, 2019, 7, 50-60.</p>	
<p>Other information:</p>	<p>Reviewing the manuscript:</p>

- 1- Reviewing the manuscript " Impact of experimental Schistosoma mansoni on Hepatitis B vaccination " for current science international . 4/9/2018.

Research project:

Participation in internal research project :

- 1- participate in the internal project by department of parasitology (89 ع) that funded from the budged of Theodore Bilharz Institute under the title :
"Development of rapid home-made immunochromatographic tests for diagnosis of cryptosporidium parvum"
- 2- participate in the internal project by department of parasitology (121 ع) that funded from the budged of Theodore Bilharz Institute under the title :
"platelet rich plasma (PRP) targeting morbidity in Trichinosis as adjuvant to treatment in experimental animals"

Supervision

Supervision on PHD degree

- 1- Supervision on PHD degree in parasitology department faculty of medicine cairo university under title : " study on the potential effects of expermental balastocystis infection on lactase enzyme activity , histopathological , inflammatory , apoptotic change in the intestines of mice