

Short CV Format

Name:	Azza Moustafa Fahmy	Photo
Date of Birth:		
Last University Degree – Faculty - University – Country - Graduation Date	Phd ,Cairo Universty,faculty of science Cairo, Egypty 2006	
Affiliation:	Associate professor, parasitology department,TBRI	
Current Position:	Associate professor	
Contact information:	E-mail: azzafhmy@yahoo.com	Tel.:01004335729
Experience and Research interest:	<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"> - The identification of parasitic ova, larvae and worm in stool samples. - Complete urine analysis including identification of ectoparasites. • Concentration techniques for ova count: <ul style="list-style-type: none"> -Nucleopore filtration of urine for ova count of <i>S. haematobium</i>. -Kato technique of stool for ova count of <i>S. mansoni</i>. • Experience in animal infection (tail immersion and subcutaneous injection), dissection and giving treatment either by injection or esophageal tube. <ul style="list-style-type: none"> -Perfusion to collect worms or schistosomules. -Ova count in gram tissues (liver and intestine). -Oogram of small intestine for counting the percentage of mature and immature stages. -Histological studies, granuloma measurement and count, in addition to collaborating in scanning ultrastructural studies of different helminths and protozoa. • Study the effect of inhibitors of different essential enzymes both in vitro and in vivo . • Measurement of hepatic and pulmonary granuloma size. • Measurement of the different essential enzymes (cysteine proteinase, fatty acid binding protein) secreted from different parasites. • Intraperitoneal, subcutaneous and intramuscular injection of different antigens and mitogens in experimental animals. • Biochemical studies with experience in determination of liver enzymes and kidney function tests, and SDS-PAGE of protein and antigens extracted from schistosome worm and cercarial vectors or other parasites . • Practical experience in immunoassays such as ELISA, Dot-ELISA, Immunoblotting, HAT, immunoelectrophoresis, Latex test and Dipstick. 	

	<ul style="list-style-type: none"> • Practical experience of preparation, purification, and characterization of anti-schistosomiasis monoclonal antibodies. • Detection of circulating schistosomal antigens and antibodies by different enzyme immunosorbent assays (ELISAs) . • Assessment of cytokines IL-2, IL-4, IL-5, IL-10, IFN-gamma in serum and culture supernatants. • Determination of protein content using Bio-Rad stain. • Immunolocalization of circulating schistosome antigens during different stages of experimental infection. • Screening and Evaluation of plant extracts and synthetic compounds. • Purification of different Polyclonal antibodies using different methods (Ammonium sulfate precipitation, Caprylic Acid, Batch methods and gel filtration). • Conjugation of different antibodies with Horse Radish peroxidase. • Separation of proteins by SDS-PAGE polyacrylamide gel electrophoresis and immunoblotting techniques. • Practical experience of preparation, purification, and characterization of different parasitic antigens. • Infection and maintaining life cycle of different parasites.
<p>Best Five Relevant Publications and/or granted patents <i>Authors (underline your name), year, title, Journal, vol. and pages</i></p>	
<p><u>Fahmy AM</u>, Zalata RS, Hegab AM, Wafy WA. Alterations in Oxidative Stress Activities and Trace Elements Levels on Experimental Blastocystosis. Journal of Gastroenterology and Hepatology Research 2019; 8(6): 3041-3048 Available from: URL: http://www.ghrnet.org/index.php/joghr/article/view/2765</p>	
<p>Sadek A , Alawam H , <u>Fahmy A</u> , Wafy W , Kasem M , Abd El Hady A, Hammam O , Mahmoud S , Sadek A A , Abd El Hady A A , Diab T. Effect of ozone/oxygen gas mixture on bilharzial hepatic fibrosis induced in infected mice. 2019, <i>IJMSIR 4(6): 122 - 139</i></p>	
<p>Rabab S. Zalata, <u>Azza M. Fahmy</u>, Amany M. Hegab, Ibrahim Rabea and Mona Magdy. Impact of experimental <i>Schistosoma mansoni</i> on Hepatitis B Vaccination. 2018. Current Science International Volume : 07 (04): 705-720</p>	
<p>Ibrahim Rabia , Azza El-Amir, <u>Azza Mostafa Fahmy</u>, <u>Rabab Zalata</u>, Tarek Diab (2014): Evaluation of purified 27.5-KD protoscolex antigen-based ELISA for the detection of circulating antigens and antibodies in sheep and human hydatidosis. <i>Journal of Helminthology</i> vol. July (9): 1-7.</p>	

**Ismail M. Moharm, Azza Fahmy, Abeer Mahgoub, Gehan El-Enain,
Mona Magdy, Amany Rady, Faten Nagy and Ibrahim Aly: Study the Prophylactic and
Hepatoprotective Effect of Hesperidin on Murine *Schistosomiasis mansoni*. *Global
Veterinaria 14 (3): 382-392, 2015***

Other information: