

### Short CV Format

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

	<ul style="list-style-type: none"> <li>• Practical experience of preparation, purification, and characterization of anti-schistosomiasis monoclonal antibodies.</li> <li>• Detection of circulating schistosomal antigens and antibodies by different enzyme immunosorbent assays (ELISAs) .</li> <li>• Assessment of cytokines IL-2, IL-4, IL-5, IL-10, IFN-gamma in serum and culture supernatants.</li> <li>• Determination of protein content using Bio-Rad stain.</li> <li>• Immunolocalization of circulating schistosome antigens during different stages of experimental infection.</li> <li>• Screening and Evaluation of plant extracts and synthetic compounds.</li> <li>• Purification of different Polyclonal antibodies using different methods (Ammonium sulfate precipitation, Caprylic Acid, Batch methods and gel filtration).</li> <li>• Conjugation of different antibodies with Horse Radish peroxidase.</li> <li>• Separation of proteins by SDS-PAGE polyacrylamide gel electrophoresis and immunoblotting techniques.</li> <li>• Practical experience of preparation, purification, and characterization of different parasitic antigens.</li> <li>• Infection and maintaining life cycle of different parasites.</li> </ul>
<p><b>Best Five Relevant Publications and/or granted patents</b> <i>Authors (underline your name), year, title, Journal, vol. and pages</i></p>	
<p><b><u>Fahmy AM</u>, Zalata RS, Hegab AM, Wafy WA. Alterations in Oxidative Stress Activities and Trace Elements Levels on Experimental Blastocystosis. <i>Journal of Gastroenterology and Hepatology Research</i> 2019; 8(6): 3041-3048 Available from: URL: <a href="http://www.ghrnet.org/index.php/joghr/article/view/2765">http://www.ghrnet.org/index.php/joghr/article/view/2765</a></b></p>	
<p><b>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</i> 4( 6): 122 - 139</b></p>	
<p><b>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. <i>Current Science International</i> Volume : 07 (04): 705-720</b></p>	
<p><b>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.</b></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: