

Curriculum Vitae

Rabab Salem Aly Hamad

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EDUCATION

- **Philosophy Doctors in Science (Ph.D)**

Awarded [July 2011]
Zoology Major (Immunobiology and Parasitology)
Department of Zoology, Faculty of Science, Cairo University

Thesis Title “Rapid immunodiagnosis of active schistosomiasis *mansoni* using monoclonal antibody-based dot immunogold filtration assay”

- **Masters in Science (M.Sc)**

Awarded [April 2006]
Zoology Major (Immunobiology and Parasitology)
Department of Zoology, Faculty of Science, Cairo University

Thesis Title “Interrelationships of natural and acquired resistance to murine schistosomiasis”

- **Bachelor of Science (B.Sc.)**

Graduated [May 2002]
Chemistry/Zoology Major
Faculty of Science, Cairo University, Cairo, Egypt

EMPLOYMENT

- **Current Position**

Assistant Professor, Department of Biological Sciences
College of Science, King Faisal University
Hofuf, Al Ahsa, Saudi Arabia.

- Researcher, Central Laboratory
Theodor Bilharz Research Institute
Giza, Egypt

TEACHING EXPERIENCE

- Advanced Immunology
- Basic Immunology
- Animal physiology
- Parasitology
- General biology

MEMBERSHIP IN EDITORIAL BOARDS AND SCIENTIFIC SOCIETIES

- SAIS - South African Immunology Society
- Egyptian German Society for Zoology, Cairo, Egypt
- Egyptian Society of Parasitology, Cairo, Egypt

CONFERANCES AND MEETINGS

- **International Conference on Nanoscience, Nanotechnology & Advanced Materials (IC₂NAM):** Presenting a paper entitled “**Evaluation of quantum dotes nanobeads bases immunoassay for diagnosis of human hydatidosis**” held in Kuala Lumpur, Malaysia on February, 2018. (**Excellent paper award**)
- **The 7th Annual Scientific Meeting in Hepatogastroenterology:** between Theodor Bilharz Research Institute and Beaujon Hospital (France). February, 2015

WORKSHOPES

- **Active and Interactive Learning:** Deanship of Development and Quality Assurance, King Faisal University. January, 2018.
- **Middle East respiratory syndrome Coronavirus (MERSCoV): The current challenges and the future prospective Workshop:** College of Veterinary Medicine, King Faisal University. February, 2017.
- **KPIs and Benchmarking Workshop:** King Faisal University in cooperation with British Council. January, 2017.
- **Course Report Workshop:** Deanship of Quality Assurance and Academic Accreditation, King Faisal University. November 2015

TRAINING PROGRAMS

TRAINER:

- **Publishing skills in international scientific peer-reviewed journals:** Deanship of Development and Quality Assurance, King Faisal University. March, 2018.

TRAINING:

- **Basic Black board skills:** Deanship of Development and Quality Assurance, King Faisal University. February, 2018.
- **Ethical & Basic principles for evaluation scientific researches:** Deanship of Development and Quality Assurance, King Faisal University. November, 2017.
- **Data entry, coding and analysis skills by SPSS program:** Deanship of Development and Quality Assurance, King Faisal University. November, 2017.
- **Faculty member Role in enhancing community engagement:** Deanship of Development and Quality Assurance in cooperation with college of science, King Faisal University. May, 2017.
- **Role of coordinators and quality committees in the quality practices:** Deanship of Development and Quality Assurance in cooperation with college of science, King Faisal University. May, 2017.
- **Skills in Scientific Research Publication:** Deanship of Development and Quality Assurance, King Faisal University. March, 2017.
- **Prepare Competitive Research Projects:** Deanship of Development and Quality Assurance, King Faisal University. November 2016.
- **Constructing Achievement Tests, According to Scientific Standers:** Deanship of Development and Quality Assurance, King Faisal University. November 2016.
- **iThenticate® Plagiarism detection software usage:** Techknowledge FZ-LLC. November 2016.
- **New RefWorks Citation Management Tool:** ProQuest. October, 2016
- **Interesting Education by Practicing Training:** Deanship of Academic Development, King Faisal University. October, 2015
- **Business Writing with an Edge: Quick, Clear, Concise, Communication:** International Marketing Institute (IMI). August, 2009.
- **International Marketing** (Mining the web for business and company Information Digging up hard-to find gems): IT Egypt. July, 2008.
- **Introduction to XML:** IT Egypt. July, 2008.
- **Basic, Micro and Medical Analysis:** Rehabilitation of young graduates' program, National Research Centre. March to June, 2003.

SKILLS

- **Computer Skills:** Microsoft Office (Word, Excel, PowerPoint),
- **Language Skills:**
 - Arabic: Native Language
 - English: Excellent command of both written and spoken

PUBLICATIONS:**BOOKS:**

- **Hamza N. Hanieh, Mona Y. Altoweisi, Rabab S. Hamad (2018):** Basic Immunology (Arabic edition). Rushd Bookstore. Riyadh, Saudi Arabia. ISBN: 7-81-8214-603-978.

REFEREED PAPERS:

- **Aly, I., ELnain, G., Hamad, R. S., Kilany, M., Ghramh, H. A., Alshehri, A., Dajem S.M. & Ibrahim, E. H. (2018).** DNA vaccination using recombinant *Schistosoma mansoni* fatty acid binding protein (smFABP) gene. *Experimental parasitology*, 194, 53-59.
- **Aly I, Taher EE, ELnain G, EL-Sayed H, Mohammed FA, Hamad RS, Bayoumy EM (2018).** Advantages of bioconjugated silica-coated nanoparticles as an innovative diagnosis for human toxoplasmosis. *Acta Tropica* 177: 19–24.
- **Aly I, Taher EE, EL-Sayed H, Mohammed FA, ELnain G, Hamad RS, Bayoumy EM (2017).** Efficacy of soluble glycoprotein fraction from *Allium sativum* purified by size exclusion chromatography on murine Schistosomiasis *mansoni*. *Microbial Pathogenesis* 107: 243-248.
- **Ghname SI, Hamad RS, And El- Dafrawy SM (2017).** Flow cytometric analysis of cell cycle and apoptosis-regulating proteins in tissue of *Biomphalaria alexandrina* snails. *Research Journal of Pharmaceutical, Biological and Chemical Sciences* 8(1): 221-228.
- **Aly I, Elenain G, Hamad RS, El-Komy W, and EL-Faramawy M (2016):** Assessment of Immunological, Parasitological and Histopathological Parameters After Treatment with Combined Therapy against *Cryptosporidium parvum*. *International Journal of Biology, Pharmacy and Allied Sciences*, 5(11): 2730-2745.
- **Aly IR, Ismail MAM, El Akkad DMH, Elsayed H, Taher EE, Elenain G, Hamad RS (2016):** Application of competitive ELISA for detection of *Fasciola gigantica* tegument-associated antigen in Human Fascioliasis. *International Journal of Biology, Pharmacy and Allied Sciences*, 5(10): 2555-2571.
- **Abdel-Ghany R, Rabia I, El-Ahwany E, Saber S, Gamal R, Nagy F, Mahmoud O, Hamad RS, Barakat W, (2015):** Blockade of PGE2, PGD2 receptors confers protection against prepatent schistosomiasis *mansoni* in mice. *J. Journal of the Egyptian Society of Parasitology*, 45(3), pp. 511-520.
- **Mansour WA, El-Assal F, El-Mahdy MM, Hendawy MA, Salem R, Demerdash ZA, (2009):** A monoclonal antibody-based dot immunogold filtration

assay: a rapid field applicable technique for immunodiagnosis of active schistosomiasis. Australian Journal of Basic and Applied Sciences 3 (2), pp. 784-789.

- **El Ridi R, Salem R, Wagih A, Mahana N, El Demellawy M, Tallima H, (2006):** Influence of interleukin-2 and interferon-gamma in murine schistosomiasis. Cytokine 33 (5), pp. 281-288.
- **El Ridi R, Wagih A, Salem R, Mahana N, El Demellawy M, Tallima H, (2006):** Impact of interleukin-1 and interleukin-6 in murine primary schistosomiasis. International Immunopharmacology 6 (7), pp. 1100-1108.