

Hanan Sobhy Mohamed Gabr

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I. EDUCATION AND DEGREES:

- Ph.D. Zoology, Cairo University, 2006. Thesis: Immunogenes coded by the tick *Hyalomma dromedarii* (Acari: Ixodidae) functional genes.
- M.Sc. in Acarology, Faculty of Agriculture, Cairo University (2001). Thesis: Studies on Parasitic Acarines Associated with Poultry Farms, and the Effects of Poultry Ticks on Host Proteins.
- B.Sc. in Entomology, Faculty of Agriculture, Cairo University (1996).

II. PROFESSIONAL POSITIONS:

- 1- Demonstrator of Acarology, Zoology and Nematology Department, Faculty of Agriculture, Cairo University, 1996.
- 2- Lecturer assistance of Acarology, Zoology and Nematology Department, Faculty of Agriculture, Cairo University, 2001.
- 3- Assistant Professor of Acarology, Zoology and Nematology Department, Faculty of Agriculture, Cairo University, 2006.
- 4- Associate professor Acarology, Zoology and Nematology Department, Faculty of Agriculture, Cairo University, 2012.
- 5- Deputy director of Applied Parasitic Acarine Research Laboratories. 2013

PROFESSIONAL SUMMARY:

- Seventeen years of experience in scientific research in the field of acarology and relevant fields.

- **Research assistant in research projects:**

- 1- Studies on resistance of different farm animals and poultry to parasitic infestation; and the production of Anti-Acarine vaccine”. Cairo University and Ministry of Economy and International Cooperation (Dept. of Economic Cooperation with USA), 1997 to 2002.
- 2- Application and training in methods of protecting farm animals and poultry production against parasitic acarine infestation.” Cairo University and the Ministry of Economy and International Cooperation, (Dept. of Economic Cooperation with the USA), 2000 to 2006.

- **TRAINING COURSES:**

- 1- Medical- Veterinary Acarology, 50th Annual Summer Program. The Ohio State University, June 26- July 7, 2000.
 - 2- Modern Techniques in Biotechnology, Parasitic Acarines Research Center. Faculty of Agriculture, Cairo University, April, 16- 19, 2000.
 - 3- English language courses, Parasitic Acarines Research Center. Faculty of Agriculture, Cairo University, 1999.
 - 4- Molecular Biology and Nucleic Acids, Biochemistry Department, Faculty of Agriculture, Cairo University, 6- 9th Sept., 2003
 - 5- TOEFL training course, , Center for Foreign Languages and Professional Translation, Cairo , Cairo University, Oct, 2005.
 - 6- 3rd International Course on Integrated Pest Management, International Agricultural Research and Training Center , Menemen Izmir- TURKEY, 18 — 22 November 2013
- Taught several courses in the field of general zoology, Parasitology and Acarology.

- Interested in capacity building for faculty members.
- Recruited and trained undergraduate and post students in research and lab issues.
- **MEMBERSHIP OF SCIENTIFIC SOCIETIES:**
 - 1- Egyptian Society of Parasitology.
 - 2- Egyptian Society of Acarology.
 - 3- Egyptian Society of Zoology.
- **CONFERENCES:**
 - 1- Attendant the 5th science conference of the Egyptian Society of parasitology, Nov., 11- 12, 1998. Suez Canal , University.
 - 2- Participant of the 3rd African Acarology Symposium. **Postar:** Economic Effects of Tick Infestation on Poultry Production. Parasitic Acarines Research Center. Faculty of Agriculture, Cairo University, January, 11- 15, 2004.
 - 3- Participant of the 4th African Acarology Symposium. **Oral presentation:** A de novo cDNA studies of *Hayalomma dromedarii* Koch (Acari: Ixodidae). , Tunisia, Oct. 22- 26, 2007).
- **PRIZES:**

Third place in the poster contest for young scientific researchers. Faculty of Agriculture, Cairo University, 10 April 2005.

EXPERIENCE:

- **Research:**
 - Surveyed and studied the Egyptian fauna of ticks and mites.
 - Drawn a pattern of life cycle for several taxonomic categories of ticks and mites.

- **Scientific writing:**
 - Writing thesis, papers and designing posters.
- **Teaching:**
 - Assisted in teaching practical classes in different courses (Fundamentals of zoology, parasitology, and acarology).

Skills:

- **Biology:** rearing of mites and ticks,
- **Ecology:** (sampling and specimen collection and storing,, dealing with host animals)
- **Chemistry:** (Analytical chemistry and preparation of buffers and media), determining proteins, DNA and RNA with spectrophotometer.
- **Microbiology:** cloning (good hand in preparing and plating the bacteria)
- **Molecular biology:** using PCR and RT-PCR,

PUBLICATIONS:

- 1- **El Kammah, K. M., L. M. I. Oyoun and H. S. M. GABR. (2002).** Studies on the feeding effects of *Argas persicus* and *A. hermanni* (Acari : Argasidae) on chicken and pigeon blood and plasma protein. Int. J. Acarol. 28 (3): 273-276.
- 2- **El Kammah, K. M., K .S. E. Abdel Wahab, L. M. I. Oyoun and H. S. M. Gabr (2006).** Studies on *Hyalomma dromdarii* (Acari: Ixodidae) salivary glands and gut immunogenecity. Arab J. Biotech. 9 (1): 41 -50.
- 3- **Gabr H. S. M., K .S. E. Abdel Wahab and K. M. El Kammah (2007).** A de novo cDNA studies of *Hayalomma dromedarii* Koch

- (Acari: Ixodidae), 4th. African Acarology Symposium, Tunis, Oct. 2007.
- 4- **Gabr H. S. M. (2012).** Feeding effects of *Rhipicephalus sanguineus* (Latreille, 1806) (Acari: Ixodidae) on protein consumption and blood loss of their hosts. J. Egypt. Soc. Parasitol., 42: 3. 721- 726.
 - 5- **Gabr H. S. M. (2011).** Study the protein content differences between common argasid species found in Egypt. J. Egypt. Soc. Parasitol., 41:3, 635- 369.
 - 6- **Zaki A. El-Fiky, Hanan S. M. Gabr and Kawther M. El Kammah (2012).** The role of phylogeny on the taxonomy and nomenclature of ixodid ticks. Acarines (Accepted for publication).
 - 7- **Laila M. I. Oyoum, Ebtsam M. Almatal and Hanan S. M. Gabr (2011).** Effects of neem azal (*Azadirachta indica*) extracts on the mortality and fecundity of *Hyalomma dromedarii* females. Acarines. 1: 5, 7-10.
 - 8- **Kawther M. El Kammah and Hanan. S. M. Gabr (2009).** Africa Checklist of : Families, Genera, and Species of Ectoparasitic Mites Found in the Palaearctic and Afrotropical Regions. Acarines. 3, 73- 81.
 - 9- **Gabr H. S. M., A. A. Bakr , M. M. Abdel Hamid and H. A. senbill (2012).** Biological studies on the brown dog tick, *Rhipicephalus sanguineus* (Latreille). Acarines. 6, 61- 64.

Personal data:

- **Date of birth:** Marsh, 1st.
- **Nationality:** Egyptian
- **Marital:** singular

Certificates: Attached/available upon request.

References: Available upon request.