

CURRICULUM VITA



Dr. Emtithal Mohammed Abdel Samie Ali

Addresses and Contacts

Office & Mailing Address	Cairo University, Faculty of Science, Entomology Department Postal code: 12612, P.O. Box: 453, Al-Orman, Giza – Egypt.
Home Address	Maadi-Degla, Nageed Mahfouse St. building No. 26 (A) Flat No 22
Communication	Tel.: +202 35676817, +202 3567 6801 +202 35676652 Fax: +202 3571 7565 Mobile: +2012 3466584 Email: emtithal_a@yahoo.com, dr_emyali@hotmail.com

Personal Information

Date & Place of Birth	4 August 1959
Nationality	Egyptian
Marital Status	Married with 2 girls
Languages Proficiency	Arabic: Native English: Fluent
Computer Skills	Windows, MS Office, & Internet Working

Profession

- 1- Assistant Coordinator of Biotechnology Program, Chemistry Department, Faculty of Science - Cairo University
- 2- - Head of Scientific instruments and chemicals committee, Faculty of Science - Cairo University

Academic Background

- 2000** **Ph. D.**, in Molecular Entomology, Faculty of Science, Cairo University, Egypt
1988 **M. Sc.**, in Immunology, Faculty of Science, Cairo University, Egypt.
1982 **Diploma**, in Entomology
1981 **B. Sc.**, in Entomology, Faculty of Science, Cairo University, Egypt.

Professional Experience

- 2008– Present** **Assistant coordinator** of Biotechnology program, Chemistry Department Faculty of Science, Cairo University.
2007 – Present **Associate Professor**, Entomology Department Faculty of Science, Cairo University.
2000- 2007 **Lecturer**, Entomology Department Faculty of Science, Cairo University.
1988 – 1996 **Assistant Lecturer**, Zoology Department Faculty of Science, Kuwait University.
1981 – 1988 **Demonstrator**, Entomology Department Faculty of Science, Cairo University.

Training and Seminars

1-I participated in organizing The First Symposium for Biotechnology students held in Ibn-Sina Hall& new chemistry building at 1/10/2009.

2- I participated in organizing practical workshop in Clinical Research for Biotechnology students held in Ibn Sina Hall from 21-22 August 2009.

3- Iparticipate in summer school on protein crystallography and drug design (9th May-4th July 2006) organized by Faculty of Science, Cairo University ,Cairo ,Egypt.

4-Molecular biology training course held in November, 2005.Cairo University sponsored by Higher Education Enhancement Project Fund (HEEPF).Position: Member of the Management Team in the Development of Molecular Biology Courses Project adopted by HEEPF

5-I participated in organizing and teaching practical workshop (12-16 November,2005) organized by the “Cairo University Center for Molecular Biology and Biotechnology” sponsored by Higher Education Enhancement Project Fund (HEEPF).

6-DNA technology and Gene Isolation : A workshop held at central laboratory, Faculty of Science,Ain Shams University, December (2004).

7-Gene Expression : A workshop held in the specialized Center Headquarter, April (2001).

5-Polymerase Chain Reaction (PCR): A workshop held in Zoology Department. March, Cairo University (1997).

Teaching Experience

A. For Undergraduates Courses

1. Invertebrate practical course. Zoology Department, Kuwait University.
2. Z-101 General Biology practical course Zoology Department, Kuwait University.
3. Z-103 General physiology & Histology Practical course Zoology Department, Kuwait University.

4. Z- 415 Parasitology practical course . Zoology Department, Kuwait University.
5. Z-313 General Entomology practical course Zoology Department, Kuwait University.
6. General Entomology course for 2nd Year Biology students. Faculty of Science, Cairo University. (2000-2005).
- 7- Preparation and teaching of theoretical **Cell Biology** course for 3th Year students. Entomology Department, Faculty of Science, Cairo University (2000-2010).
8. Preparation and teaching of theoretical and practical **Molecular Biology** (EB 472) course for 4th Year students. Entomology Department, Faculty of Science, Cairo University (2000-2010).
8. Preparation and teaching of theoretical and practical **Molecular Biology** (EB491) course for 4th Year students. Entomology Department, Faculty of Science, Cairo University (2000-2010).
- 9- Preparation and teaching of theoretical and practical **DNA Technology** course for 2nd Year Biotechnology students /Chemistry Department, Faculty of Science, Cairo University (2005-2010).
- 10-Preparation and teaching of theoretical and practical **Molecular biology** course for 2nd year biotechnology students (course # BioBi 210).

B. For Post Graduates Courses.

- 1- Preparation and teaching Insect Biotechnology (EB665) course for Master students.
- 2- Preparation and teaching Advanced Molecular Biology (EB701) course for Ph.D students.

Participation in Projects

Grant Title: The Development of Molecular Biology Courses. Funding Agency: Higher Education Enhancement Project Fund (HEEPF) Time Period: 2004-2006

My participation: Research Investigator.

Participation in International Conferences

- 1- The Synchrotron Light Applications SESAME 7th Users' Meeting held in Cairo University, Egypt. November, 2008.
- 2- The Synchrotron Light Applications SESAME 6th Users' Meeting held in Amman, Jordan in November, 2007.
- 3- The 53rd conference of Laboratory Medicine held in Marriott hotel December (2005)
- 4- I participated in organizing The 1st, 2nd, 3rd, 4th and 5th conferences of Applied Entomology held at Cairo University, Egypt (2001-2009).
- 5- The condensed course on Molecular Genetics held in Cairo International Conference Center. February, 1998 Egypt.

Ph.D and MSc. Supervision

Supervising more than 10 Ph.D and M.Sc. Thesis in Molecular Biology and Biotechnology.

References

- Prof. Mohammed Sayed Salama**, Vice-President of postgraduate students affairs, Ain-Shams University.
- Prof. Ahmad G. Helmi**, Dean of Faculty of Science, Cairo University.
Email: galalah1@yahoo.com
- Prof. Sayed Shourab**, Head of Entomology Department Faculty of Science, Cairo University.
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Prof. Fatma Kamel Adham, Prof. of Medical Entomology, Entomology Department
Faculty of Science, Cairo University.

Publications

- 1-Adham F. K. & Abd-El-Samie E. M. & Gabre R. M. & Hussein H. El. (2010):** Detection of tick blood parasites in Egypt using PCR assay II- *Borrelia burgdorferi* Sensu lato. J. Egypt. Soc. Parasitol.
- 2-Adham F. K. & Abd-El-Samie E. M. & Gabre R. M. & Hussein H. El. (2009):** Detection of tick blood parasites in Egypt using PCR assay I—*Babesia bovis* and *Babesia bigemina*. **Parasitol. Res.** 105 (3): 721-730.
- 3-Emtithal, M. Abd-El-Samie (2007):** Isolation and molecular characterization of the *Bactrocera zonata* (Saund.) sex-lethal (Sxl) gene homologue of the *Ceratitis capitata* Arab J. Biotech.,10(1) Jan.:131-142.
- 4-Emtithal, M. Abd- El-Samie (2006):** Effect of some nitrogenous fertilizers on the properties of soluble protein and esterase's activity of *Drosophila melanogaster*. Accepted African J. Biol. Sci.
- 5-Emtithal, M. Abd-El-Samie ; Hoda, B. Faheem; Mary,T.Ibrahim; Adel Ramzy and Mohamed ,S. Salama (2007):** Molecular analysis for nitrogenous fertilizers effect on *Drosophila melanogaster* boule gene. Biotechnology 6(3):364-372.
- 6-Emtithal, M. Abd-El-Samie; Fatma,K. Adham; Abd –El-Fatah Hashim and Safaa El-Hefnawy(2006):** Identification, isolation and impact of gamma radiation on doublesex gene of *Bactrocera zonata* (Saunders) (Diptera: Tephritidae).Bull.ent.Soc.Egypt, Econ. Ser.,32 :223-237.
- 7-Fatma El zahraa M. Megahed and Emtithal M. Abd –El Samie (2006):** Esterase isozymes development in the mid-gut of the grasshopper *Schistocerca gregaria* Bull. Ent. Soc. Egypt, 32:1110-0885
- 8-Soad Abou El-Seoud; Emtithal,M. Abd-El –Samie and Thanaa, T. Abdel Basset (2005):**Toxicological and biochemical characteristics of certain insecticides on chlorpyrifos resistant strains of the pink bollworm *Pectinophora gossypiella* (Saunders) in Egypt. J. Egypt. Acad. Soc. Environ.Develop., (C-Molecular Biology) 6 (1): 63-89.
- 9-Emtithal, M. Abd-El-Samie; Matar and Fatma El zahraa M. Megahed (2004):** Effect of gamma irradiation on some biochemical aspects of the American bollworm *Helicoverpa armigera* (Hubner)Egypt.J. Appl. Sci; 19 (9A) 314-321.

Papers Submitted for Publication

- 1-Fatma K. Adham; Emtithal M. Abd- EL- Samie; Refaat M. Gabre and Hala El. Hussein:** Detection of tick blood parasites in Egypt using PCR assay.
- 2-Emtithal Mohamed Abd El-Samie and Thanaa Taha Abd El-Baset:** Toxicological And Biochemical Studies On The Development Of Resistance In Different Strains Of *Culex Pipiens* (Linnaeus) To Chlorpyrifos Toxicity In Certain Egyptian Governorate.
- 3-Emtithal M. Abd-El-Samie and Zaki A. El-Fiky :**Phylogenetic relationship of Egyptian *Bactrocera zonata* using cDNA encoding cytochrome oxidase 1 gene
- 4- Emtithal Mohamed Abd El-Samie and Thanaa Taha Abd El-Baset:** Use of the random amplified polymorphic DNA polymerase chain reaction (RAPD-PCR) technique

to study the damaging effect of chemical insecticides on genomic DNA of *Culex pipiens* larvae.