

Curriculum Vita (C.V.)

Name: AlaaEddeen Seufi Mohamed

***Address:** Department of Entomology, Faculty of Science, Cairo University, Giza, Egypt, 12211.

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****Personal Data:**

***Date of Birth:** 10th March, 1967.

***Place of Birth:** Egypt, Cairo, Maadi.

***Marital status:** Married + 4 children

***Nationality:** Egyptian.

***Hobbies:** Reading, Self-defense sporting, Poetry,

****Education:**

1979 – 1985: Preparatory and secondary schools.

1986 – 1990: High school (University).

1991 – 1995: Master degree in Science.

1996 – 2001: Philosophy Doctoral degree in Science.

2002 – now: Preparing for postdoctoral studies.

<u>Languages:</u>	Reading	writing	listening	speaking
Arabic:	Excellent	Excellent	Excellent	mother tongue
English:	V. Good	V. Good	Good	Good

****Positions:**

1991–1995: Demonstrator at the Dept of Entomology, Fac of Science, Cairo univ.

1996 – 2001: Assistant Lecturer in the same Dept.

2002 – 2007: Lecturer in the same Dept.

2007 - now: Associate Professor in the same Dept.

2009 - : Head of the Dept of Molecular Plant Pathology, ARADI, Mubarak City for Scientific Technology and its Applications.

****Awards:**

1990 -1991: B. Sc. in Entomology. (Cairo Univ.)

1995 – 1996: M. Sc. in Entomology, Medical Entomology. (Cairo Univ.)

2001 – 2002: Ph. D. in Entomology, Cytology and Genetics. (Cairo Univ.)

****Professional Memberships:**

Member in the International Society for Environmental Information Sciences.

Member in the Egyptian German Society of Zoology.

Member in the Union of Arab Biologists.

Member in the Egyptian Society of Biological Control.

Member in the Egyptian Society of Entomology.

****Working Experience:**

Professional in all Entomological, Virological and Molecular biological techniques in relation to Insect, Plant and Animal Sciences.

****Teaching experience:**

Professional in teaching all Theoretical and Practical Entomological and related courses for under- and post-graduate students (Molecular biology, Molecular Markers, Transposable elements, Genetics, Cell biology, Parasitology, Microbiology, Macro- and Micro-anatomy, Classification, Taxonomy, Morphology, Ecology, Physiology, Toxicology, Insect Control, Immunology, Embryology, Biochemistry, Micro-technique, General Entomology, Medical Entomology, ...etc.) since 1990 up till now.

****Main Research and Technology Topic:**

Molecular Biology and Biotechnology.

****Training:**

Well-trained in Designing a Syllabus, Credit hour system, Making a decision, E-Learning and Skills of Good Presentation.

****Recent Relevant Publications/ Patents:**

1- Seufi, A. M., Ibrahim, S. S., Elmaghraby, T. K. and Hafez, E. E. (2009): Preventive effect of the flavonoid, quercetin, on hepatic cancer in rats via oxidant/antioxidant activity: molecular and histological evidences. **Journal of Experimental & Clinical Cancer Research, 28: 80.**

2- Ragaa K.A. Hamed, AlaaEddeen M. Seufi, Mohammad S. Salama, Nadia M. Lotfi, Akila M. Elshafi, Dalia M. Mahmoud (2009): Ultrastructural investigation on the impact of the Egyptian isolate of Baculovirus on the control of *Spodoptera littoralis*. **J. Egypt . Acad. Environ. Develop., (Entomology) 10: 53-67.**

3- Dalia M. Mahmoud, Ragaa K.A. Hamed, AlaaEddeen M. Seufi, Mohammad S. Salama, Nadia M. Lotfi, Akila M. Elshafi (2009): Effect of some Egyptian baculovirus isolates on the susceptibility of the Egyptian cotton leafworm, *Spodoptera littoralis*. **J. Egypt . Acad. Environ. Develop., (Entomology) 10: 67-74.**

4- Seufi, A. M. (2008): Characterization of an Egyptian *Spodoptera littoralis* nucleopolyhedrovirus and a possible use of a highly conserved region from polyhedrin gene for nucleopolyhedrovirus detection. **Virology Journal, 5: 13.**

5- Seufi, A. M. (2007): Confirmation of vertical transmission of nucleopolyhedrovirus in the cotton leafworm, *Spodoptera littoralis* (Boisd) using polymerase chain reaction (PCR). **Bull. Ent. Soc. Egypt, Econ. Ser.,33: 15 – 29.**

6- Seufi, A. M. (2007): Characterization of an Egyptian *Spodoptera littoralis* nucleopolyhedrovirus with cloning and sequencing of a highly conserved region from polyhedrin gene. **Erciyes Medical Journal, 29(5): 353- 362.**

7- Seufi A. Mohamed, Galal F. H. and Elsayed E. Hafez (2007): Characterization of a *Schistocerca gregaria* cDNA encoding a novel member of mobile phone radiation-induced polypeptide related to chitinase polypeptide family. **Journal of Applied Sciences Research, 3(8): 733-740.**

8- Seufi, A. M., M. H. Swidan, E. E. Hafez (2007): Identification of novel defense genes expressed in *Sitophilus oryzae* (Coleoptera: Curculionidae) and *Callosobruchus chinensis* (Coleoptera: Bruchidae) treated with diallyl disulfide from the essential oil of garlic. **Journal of Applied Sciences Research, 3 (2): 161 - 168.**

9- Seufi, A. M., Ibrahim, M. A. and Osman, G. H. (2006): Cloning and sequencing of a highly conserved region from polyhedrin gene of an Egyptian *Spodoptera littoralis* nucleopolyhedrovirus. **J. Union Arab Biol., 26 (A): 138 - 156.**

10- Seufi, A. M. (2005): Effects of mobile phone radiation on some behavioral responses of the desert locust, *Schistocerca gregaria* Forskal (Orthoptera, Acrididae). **Bull. Ent. Soc. Egypt, 82: 245 – 253.**

11- Seufi, A. M. and Osman, G. E. (2005): Comparative susceptibility of the Egyptian cotton leafworm, *Spodoptera littoralis*, to some Egyptian baculovirus isolates. **Egyptian Journal of Biological Pest Control, 15 (1): 21 – 26.**

12- Seufi A. Mohamed and Galal F. H. (2009): Evaluation of the Role of Some Collected Mosquito Species as Potential Vectors of Rift Valley Fever Virus in Sudan Outbreak, 2007. **Submitted to: BMC Infectious Diseases.**

13- Seufi, A. M., M. A. ElSadany, E. E. Hafez (2009): Molecular Characterization and Mutation Analysis of Aspartate Kinase-Like Gene from *Corynebacterium glutamicum*, ATCC 13032 and its Use in Cancer Genotherapy and Lysine/Methionine Amino Acid Overexpression. **Submitted to: J Biol Chem.**

14- AlaaEdeen M. Seufi, Ragaa K.A. Hamed, Mohammad S. Salama, Nadia M. Lotfi, Akila M. Elshafi, Dalia M. Mahmoud (2009): Molecular studies on the

impact of Egyptian isolate of Baculovirus on the Egyptian Cotton Leafworm, *Spodoptera littoralis*. Under publication.

M. Sc. Thesis (1995): "Effeceincy of *Culex (Cx.) pipiens* as a Transmitter of Some Arboviruses" Dept of Entomology, Fac of science, Cairo University

Ph. D. Thesis (2002): "Molecular Studies on Some Egyptian Isolates of Baculoviruses" Dept of Entomology, Fac of science, Cairo University

****Supervision on dissertations:**

Ten students (4 doctoral (Ph. D.) and six masters (M. Sc.)).

****Books:**

السنة	الترقيم الدولى	رقم الإيداع	اسم الكتاب	م
2007	-271 -3 977 -403	/26427 2007	Basic Concepts in Molecular Biology	1
2007	-270 -5 977 -403	/26426 2007	Methods in Molecular Biology	2
2007	-403 -273-x 977	/26429 2007	Molecular Markers and Their Applications	3
2007	-272 -1 977 -403	/26428 2007	Flow of Genetic Information	4

****Conferences and Workshops:**

1- التدريب فى معمل زراعة الأنسجة بقسم الفيروسات بوحدة الأبحاث الطبية الأمريكية لمدة ستة أشهر

(1/11/1993 - 1/5/1994).

2- دورة مقدمة فى البيولوجيا الجزيئية بمعمل السموم و المخدرات بالكلية.

3- الدورة المتقدمة فى البيولوجيا الجزيئية و استخدام تقنيات زرع الجينات ب
بالكلية.

4- دورة فى البيولوجيا الجزيئية و انتاج البروتينات العلاجية بالكلية.

5- المشاركة فى فعاليات "معايير التدريس بالجامعات المصرية"

بتاريخ 2005 /12 /15 .

6- ورشة عمل فى البيولوجيا الجزيئية (من الجين إلى البروتين) بمدينة مبارك العلمية بالأسكندرية.

م	عنوان المؤتمر	مكان انعقاده	تاريخ انعقاده	المشاركة
1	المؤتمر العلمى الأول لعلم الحشرات التطبيقى	علوم القاهرة - قسم علم الحشرات	11 - 12 /3 /2000	تنظيم
2	المؤتمر العلمى الثانى لعلم الحشرات التطبيقى	علوم القاهرة - قسم علم الحشرات	21 /3 /2001	تنظيم
3	مؤتمر علم الحشرات التطبيقى (أفلاطون)	مركز المؤتمرات - جامعة القاهرة	27 /3 /2002	تنظيم
4	الدوتمر العلمى الأول للمكافحة البيولوجية لآفات	مركز المؤتمرات - جامعة القاهرة	25 - 30 /11 /2006	ور
5	المؤتمر الدولى الثالث عشر لاتحاد البيولوجيين العرب	جامعة بنى سويف	2006	بحث
6	المؤتمر الدولى الثالث للبحوث العلمية و تطبيقاتها	مركز المؤتمرات - جامعة القاهرة	من 3 - 5 مايو 2007	ور

****Projects:**

م	عنوان المشروع	مكان تطبيقه	دور الباحث

1	أنتاج بروتينات مضادة للبكتريا من الحشرات لتحسين صحة الإنسان و الحيوان	علوم القاهرة	الباحث الرئيسي
2	إنتاج البيوديزل من عزلة بكتيرية معدلة وراثيا	مدينة مبارك للأبحاث العلمية	باحث رئيسى مشارك
3	تأثير الإشعاع الصادر من التليفون المحمول على بعض وظائف الجهاز العصبى المركزى	علوم القاهرة	إتمام الجزء الخاص بالدراسات البيولوجية الجزيئية بالمشروع
4	إنشاء بنية تحتية للمعلوماتية الأحيائية فى مصر	علوم القاهرة	إتمام الجزء الخاص بالمعلوماتية الوراثية ، و البيولوجية الجزيئية بالمشروع
5	جينات الدفاع فى القطن	دينة مبارك للأبحاث العلمية	المشاركة فى إتمام المشروع

****International Academic Activities:**

1- المشاركة فى وفد اتحاد الأطباء العرب الذى سافر للسودان الشقيق لمساعدتهم فى التحكم فى مرا

(2007).

2- اء لجنة التحكيم العلمى لمجلة كلية الطب بجامعة إرسيس التركية.

(Erciyes Medical Journal, Erciyes University- Faculty of Medicine)

<http://tipdergisi.erciyes.edu.tr/>

3- اء لجنة التحرير و التحكيم العلمى لمجلة أبحاث الخلية والبيولوجيا الجزيئية الباكستانية .

(Research Journal of Cell and Molecular Biology)

****General information**

Types of work interested in: Teaching and Research.

Skilled at treating different types of people.

Good leader in teamwork with good social relationships.

Patience & willingness to work hard.

****Availability to Join Another Job: Tow Months Release After Signing the Contract.**

****References:**

- 1- Prof. Thomas A Miller, at the Department of Entomology at California State University, Riverside, USA.
- 2- Prof. Mohamed A ElSadani, Head of Mubarak City For Scientific Research and Technology Applications, Alex, Egypt.
- 3- Prof. Mohamed S Salama, Dean of the Fac of Science, Ain Shams University, Abbasia, Egypt.
- 4- Prof. Akila M. Elshafi, Head of the Department of Entomology, Fac of Science, Ain Shams University, Abbasia, Egypt.
- 5- Prof. Mohamed A Zytoon, Fac of Agriculture, Alex Universiy, Alex, Egypt.
- 6- Prof. Reda F Bakr, at the Department of Entomology, Fac of Science, Ain Shams University, Abbasia, Egypt.
- 7- Prof. Nadia M. Lotfi, at the Department of Entomology, Fac of Science, Ain Shams University, Abbasia, Egypt.
- 8- Prof. Mahmoud H Ibrahim, Emeritus Prof at the Department of Entomology, Fac of Science, Cairo University, Giza, Egypt.
- 9- Prof. Nawal M Zohdy, at the Department of Entomology, Fac of Science, Cairo University, Giza, Egypt.
- 10- Prof. Fatma K Adham, Emeritus Prof at the Department of Entomology, Fac of Science, Cairo University, Giza, Egypt.

السيرة الذاتية

لسيد الدكتور

علاء الدين سيوفى محمد

– كلية العلوم – جامعة القاهرة