Personal Data:

Name: Salaheldin Abdelraouf Abdelaziz Abdelsalam **Sex:** Male

Date of Birth:16/09/1965

Place of Birth: Egypt

Nationality: Egyptian

Mother tongue: Arabic

Social Status: Married

Present job: Associate Professor. Department of Biological sciences, faculty of science, King Faisal university, Saudi Arabia Tel.: +966507706104 Email: <u>sabdelraouf@kfu.edu.sa</u> Salah65@yahoo.com

Academic Degrees:

B.Sc.: Entomology, Assiut Univ., Egypt 1986,M.Sc.: Entomology, Assiut Univ., Egypt 1991,Ph.D: Molecular Biology, Kanazawa Univ., Japan 2001.

Research Interest:

Gene expression, Genome transformation, Insect control, Insect physiology and Biochemistry

Job record:

Demonstrator: zoology department, faculty of science, Assiut University, Egypt, 26/10/1986

Assistant Lecturer: Zoology Department, Faculty of science, Assiut University, Egypt, 15/7/1991

PhD student: School of natural science and technology, Biology department, faculty of science, Kanazawa university, Japan

Assistant Professor: Zoology department, Faculty of science, Assiut university, Egypt, 27/5/2001

Postdoctoral Fellow: Biology Department, Faculty of Science, Okayama University, 26/11/2003 – 20/11/2005. Host Researcher: Prof .Dr. Kenji Tomioka

Associate Professor: Zoology Department, Faculty of Science, Assiut University, Egypt, 26/11/2006



Master degree thesis title:

Biological and Morphological studies on *Danaus chrysippus* (L.) and *Pieris rapae* (L.){Lepidoptera: Rhopalocera} in Assiut.

Doctor degree thesis title:

Studies on the neurosecretory cell-specific expression of bombyxin gene, an insulin related gene of the silkmoth *Bombyx mori*.

References:

Dr. Masafumi Iwami Kanazawa University, Institute of Science and Engineering, Faculty of Natural System, Kanazawa 920-1192, Japan, Email: Masafumi@kenroku.kanazawa-u.ac.jp

Dr. Kenji Tomioka, Graduate School of Natural Science and Technology, Okayama University, Okayama 700-853, Japan. Email: tomioka@cc.okayama-u.ac.jp

Dr. Ahmad Hamed

Head of Zoology Department, Faculty of Science, Assiut University, Assiut71516, Egypt Email: Salem1155@yahoo.com, Fax: 0020882342708, Tel. 0020122302328

Thesis Supervision:

Name	Research	Degree	Status
Doaa S. Mohamed, Zoology Department, Faculty of Science, Assiut University, Egypt	Photosensitization processes to control the population of two dipteran flies, <i>Drosophila</i> <i>melanogaster</i> and <i>Parasarcophaga</i> <i>argyrostoma</i>	PhD	Finished 2010
Nourelhoda M. Rasmi, Zoology Department, Faculty of Science, Assiut University, Egypt	Studies on certain insect pests and their natural enemies associated with cumin, anise and coriander plants at Assiut	MSc	Finished 2015

Congress and Meetings:

Workshop of Immunology, National Research Center, Cairo from 2 – 17/02/1992

Workshop of Methodology of DNA and Protein preparations, Institute of higher studies and research 19 - 23/08/2001

The second international conference of the Egyptian British society for biological sciences, Cairo 2003

The27th annual meeting of the Japanese Society for Comparative Physiology and Biochemistry, Tokyo, Japan

The 73th Annual Meeting of the Zoological Society of Japan

The 75th Annual Meeting of the Zoological Society of Japan

The76th annual meeting of the Zoological society of Japan

The second international conference of Ecology, South valley Univ., Egypt, Qena 28 - 30/03/2006

Oral Presentations:

Two transcription elements of the bombyxin F1 gene regulate the brain cell-specific expression (Genetics) (Proceeding of the Seventy-Third Annual Meeting of the Zoological Society of Japan)

Circadian changes in PDF content in the optic lobe and the brain of the cricket, *Gryllus bimaculatus* (presented at the 75th Annual Meeting of the Zoological Society of Japan)

Circadian cycling of the neuropeptide, pigment dispersing factor (PDF) in the optic lobe of the cricket, *Gryllus bimaculatus*. (presented at the The27th annual meeting of the Japanese Society for Comparative Physiology and Biochemistry)

cDNA cloning of the clock genes in two species of crickets *Gryllus bimaculatus* and *Modicogryllus siamensis* (presented at the 76th Annual Meeting of the Zoological Society of Japan)

Assessing pollution in the agricultural runoff using Superoxide dismutase, glutathione S-transferase and acid phosphatase as biomarkers in the midge (*Chironomus calipterus*). The 25th Meeting of Saudi Biological Society, Nanotechnology in Life sciences, Alhasa City, King Faisal University, 11-13 May 2010.

Photosensitization processes to control the population of the adult flesh-fly, *Pararsarcophaga argyrostoma* (Robineau-Desvoidy) (Diptera: Sarcophagidae). The 25th Meeting of Saudi Biological Society, Nanotechnology in Life sciences, Alhasa City, King Faisal University, 11-13 May 2010.

Publications:

1-Yoshida I, Tsuzuki S, **Abdel Salam SE**, Ino M, Korayem AM, Sakurai S, Iwami M (1997) Bombyxin F1 gene:structure and expression of a new bombyxin family gene that forms a pair with bombyxin B10 gene. Zoological Science14, 615-622.

2- Moto K, **Abdel Salam SE**, Sakurai S, Iwami M (1999) Gene transfer into insect brain and cell-specific expression of bombyxin gene. Dev Genes Evol 209, 447-450.

3- **Abdel Salam SE**, Moto K, Sakurai S, Iwami M (2001) Transcription element responsible for the brain cell-specific expression of the bombyxin gene that encodes an insulin-related peptide. Zoological Science 18, 543- 549.

4- Awad A., **Abdelsalam S.**, Abul Ela R., AbdelAal A., Mohamed D (2003) Ultrastructure comparison of the sensory morphology of the first -and third instar larvae of *Parasarcophaga argyrostoma* (Robinaeu-Desvoidy)(Diptera:Sarcophagidae). Egyptian Journal of Biology (EBB Soc.) Vol.5, pp.148-154.

5- Awad A., **Abdelsalam S.**, Abul ela R., AbdelAal A., Mohamed D. (2004) The head capsule, antennae, and mouth-parts of the adult flesh fly *Parasarcophaga argyrostoma* (Robinaeu-Desvoidy)(Diptera: Sarcophagidae). Bull. Fac. Sci, Assiut Univ., Vol.33 (2-E), 1-15.

6- Tawfik A., **Abdelsalam S.**, Awad A. (2004) Characterization of the cytosolic protein from *Schistocerca gregaria* that binds juvenile hormone. J. Egypt. Ger. Soc. Zool., Vol (43A): Comparative Physiology, pp.399-419.

7-Tomioka K. and Abdelsalam S (2004). Circadian organization in Hemimetabolous insects. Zoological Science 21,1153-1162.

8- Abdel-Salam S., Abdel-Aal A., Abou Ella, R.G., Mohamed, D. (2005) Effects of *Bacillus thuringiensis var israelensis* on *Parasarcophaga argyrostoma* (Robinaeu-Desvoidy) (Diptera: Sarcophagidae). Bull. Fac. Sci, Assiut Univ., 34, 115-126.

9- Salaheldin Abdelsalam, Hiroyuki Uemura, Yujiro Umezaki, A.S.M. Saifullah, Miki Shimohigashi, Kenji Tomioka (2008). Characterization of PDF-immunoreactive neurons in the optic lobe and cerebral lobe of the cricket, *Gryllus bimaculatus*. Journal of Insect Physiology 54, 1205–1212.

10- Hassaneen E, El-Din Sallam A, Abo-Ghalia A, Moriyama Y, Karpova SG, **Abdelsalam S**, Matsushima A, Shimohigashi Y, Tomioka K. (2011). Pigment-dispersing factor affects nocturnal activity rhythms, photic entrainment, and the free-running period of the circadian clock in the cricket *Gryllus bimaculatus*. J Biol Rhythms. 2011 Feb;26(1):3-13.

11- Salaheldin Abdelsalam and Omar Elmenshawy (2013).Superoxide dismutase, Glutathione- S-transferase and Acid phosphatase of the midge, *Chironomus calipterus* as biomarkers for excess Nitrogen and phosphorus exposure. Assiut Univ.J. of Zoology 41 (2), 1-13.

12 – Abdullah M. Alzahrani, **Salaheldin Abdelsalam**, Omar S. Elmenshawy, Ashraf M. Abdel-Moneim (2013).Ultrastructural Characteristics of Spermiogenesis in *Rhynchophorus ferrugineus* (Coleoptera: Curculionidae). Submitted to Florida Entomologist.

13- Salaheldin Abdelsalam., KORAYEM, A., ELSHERBINI, E., ABDEL-AAL, A., AND. MOHAMED, D.(2014). Photosensitizing effects of hematoporphyrin dihydrochloride against the flesh fly *Parasarcophaga argyrostoma* (Diptera: Sarcophagidae). Florida Entomol. 97: 1662 1670.

Undergraduate Teaching courses

Course Name	Course Number	College
Applied Entomology	603110216	Education (Old)
General Entomology	Bio342	Science
Medical and Economic Arthropods	Bio 346	Science
Animal Ecology and Behaviour	Bio 446	Science
Invertebrates	Bio 112	Science
General Biology	Bio	Science, Agriculture, Education, Veterinary Medicine, Computer Sciences

Research projects

Project	Status	Role	Fund Source
Molecular Investigation of	Finished	Co PI	Japan Society for promotion of
Rhythmic-expression of			Science
Pigment-Dispersing Factor in			
crickets			
Terrestrial and aquatic insects as	Finished	PI	King Faisal University, Deanship
bioindicators for environmental			of Scientific Research
pollution at Al-Hassa province.			
Survey on Freshwater Snails and	Finished	Co PI	King Faisal University, Deanship
Their Occurrence as Intermediate			of Scientific Research
Host of Parasites in Al-Ahsa			
Province, Saudi Arabia			
Survey for mosquitoes,	Finished	Co PI	King Faisal University, Deanship
determination of their insecticide			of Scientific Research

resistance and evaluating			
capacity of botanical oils as safe			
alternative for insecticides in Al-			
Hasa province, Saudi arabia			
<u> </u>			
Spinosad as an alternative	Running	PI	King Faisal University, Deanship
Spinosad as an alternative bioinsecticide for controlling the	Running	PI	King Faisal University, Deanship of Scientific Research
Spinosad as an alternative bioinsecticide for controlling the red palm weevil <i>Rhynchophorus</i>	Running	PI	King Faisal University, Deanship of Scientific Research
Spinosad as an alternative bioinsecticide for controlling the red palm weevil <i>Rhynchophorus</i> <i>ferrugineus</i> Oliver	Running	PI	King Faisal University, Deanship of Scientific Research

GRADUATE SCHOOL OF NATURAL SCIENCE AND TECHNOLOGY KANAZAWA UNIVERSITY

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Date: Mar. 22, 2001

CERTIFICATE

Name:Salah Eldin Abdel Raouf Abdel Aziz Abdel SalamDate of Birth:Sep. 16, 1965Date of Enrollment:Apr. 1, 1997Date of Complete:Mar. 22, 2001

This is to certify that the above-mentioned person completed The Doctor Course(The Three-year program) in the Division of Life Sciences, in the graduate School of Natural Sciences and Technology, Kanazawa University with the degree of Doctor of Philosophy.



nhachi ada

Jyuhachi ODA Dean of the Graduate School of Natural Science and Technology, Kanazawa University.