

## *Curriculum Vitae*

### **Ola Helmy Mohamed Zyaan**

Lecturer, Faculty of Science, Ain Shams University

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### **EDUCATION:**

- 2012 Ph. D. in Entomology, Faculty of Science, Ain Shams University.  
2006 Master Degree in Entomology, Ain Shams University, Cairo, Egypt.  
1999 B.Sc. in Entomology, Department of Entomology, Ain Shams University, Cairo, Egypt.

### **PUBLICATIONS:**

[PLoS Genet.](#) 2015 Mar 16;11(3)

**Methyl farnesoate plays a dual role in regulating *Drosophila* metamorphosis.**

Wen D, Rivera-Perez C, Abdou M, Jia Q, He Q, Liu X, **Zyaan O**, Xu J, Bendena WG, Tobe SS, Noriega FG, Palli SR, Wang J, Li S.

[Egypt. Acad. J. Biolog. Sci.](#) 2013; 5(2)

**Biological and molecular effects of pyriproxyfen, insect growth regulator (IGR), on Met gene in susceptible wild type and Met mutant *Drosophila***

Reda F. A. Bakr; Jehane A. Hafez; Thorya F. K. Alnagar; Dalia A. M. Salem and **Ola H. Zyaan**

[Egypt. Acad. J. Biolog. Sci.](#) 2013; 6(2): 29 -38

**Biochemical studies on the effect of Chitin synthesis inhibitor, (flufenoxuron) and SpliNPV on the cotton leaf worm *Spodoptera littoralis* Bosid (Lepidoptera:Noctuidae)**

Reda F. A. Bakr; Jehane A. Hafez; Omaima A. Khamiss and **Ola H. Zyaan**

[Egypt. Acad. J. Biolog. Sci.](#), 2012; 4(1):31-42

**Transgenic *Drosophila melanogaster* Carrying RNAi Against gce Gene Proved the Involvement of gce in Juvenile Hormone Action**

Reda F. A. Bakr; Jehane A. Hafez; Thorya F. K. Alnagar; Dalia A. M. Salem and **Ola H. Zyaan**

PLoS One. 2011;6(11)

**Wnt signaling cross-talks with JH signaling by suppressing Met and gce expression.**

Abdou M<sup>1</sup>, Peng C, Huang J, **Zyaan O**, Wang S, Li S, Wang J.

Insect Biochem Mol Biol. 2011;41(12)

**Drosophila Met and Gce are partially redundant in transducing juvenile hormone action.**

Abdou MA, He Q, Wen D, **Zyaan O**, Wang J, Xu J, Baumann AA, Joseph J, Wilson TG, Li S, Wang J.

### **RESEARCH EXPERIENCES:**

**My Master thesis title is** “Studies on the effect of different insecticidal agents on *Spodoptera littoralis* (Boisd.) in vivo and in vitro”

**My Ph. D. thesis title is** “Toxicological and Molecular studies of specific transcriptional factors responses to hormones in *Drosophila*”

**Laboratory Training** session at University of Maryland, College park, USA.  
From: Jan. 2008 – Aug. 2011.

### **TEACHING EXPERIENCE:**

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|---------------|---|
| 1999 - 2006   | Teaching Assistant: Insects Behavior - Insects Toxicology - Insects Taxonomy - Insects Ecology Courses. Entomology Department, Ain Shams University, Cairo, Egypt.  |
| 2006 - 2012   | Assistant Lecturer: Insect Morphology and Anatomy - Insects Physiology - Insects Genetics Courses. Entomology Department, Ain Shams University, Cairo, Egypt.   |
| 2012- current | Lecturer: Principles of Pest Control - Integrated Pest Management - Molecular Entomology and Genetic Engineering - Insect Toxicology and Resistance - Insect Transmission of Plant Diseases Courses. Entomology Department, Ain Shams University, Cairo, Egypt. |

## **WORKSHOPS:**

- Work shop of “Advanced Technology Tools in Teaching” at FLDP (Faculty and Leadership Development Project) at Ain Shams University, 8 – 10 October 2011.
- Work shop of “Organization of Scientific Conferences” at FLDP (Faculty and Leadership Development Project) at Ain Shams University, 1 – 3 October 2011.
- Work shop of “Effective Presentation Skills” at FLDP (Faculty and Leadership Development Project) at Ain Shams University, 20 – 22 September 2011.
- Work shop of “Exams and Students Evaluation” at FLDP (Faculty and Leadership Development Project) at Ain Shams University, 10 – 12 September 2011.
- Work shop of “Scientific research” at FLDP (Faculty and Leadership Development Project) at Ain Shams University , July 2006
- Work shop of “Scientific Communication” at FLDP (Faculty and Leadership Development Project) at Ain Shams University, 18 – 21 June 2005.
- Work shop of “Scientific research” at FLDP (Faculty and Leadership Development Project) at Ain Shams University, 9- 12 July 2005.
- Work shop of “Preparation of Scientific Lecturer” at Ain Shams University, 24 August to 10 September 2001.