

CURRICULUM VITAE



Personal information:

Name: Ahmed Moustafa Helmy Ali
Date & Place of Birth: March 11,1981, Assiut, Egypt
Gender: Male
Citizenship at birth: Egyptian
Present Citizenship: Egyptian
Marital status Married
Mother language knowledge Arabic (Excellent)
Other language knowledge English (Read&Write: Excellent -Speak: Excellent) (183 CBT Toefl)
Korean (Fair)
Computer skills Excellent
Present position: Assistant Professor at the Department of Zoology at Assiut University.
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Academic Qualifications:

<i>B. Sc. Entomology</i>	<i>Faculty of Science, Assiut University, Egypt,20,June 2001. (Very good).</i>
<i>Master of Science 27,Dec., 2006</i>	<i>Department of Agricultural Biology, College of Agricultural and Life Sciences, Kyungpook National University, Daegu, Republic of Korea. My thesis title is "Biochemical and Molecular Changes of Host Plodia interpunctella by Parasitism of Ectoparasitoid Bracon hebetor and Endoparasitoid Venturia canescens " (GPA, 4.06/4.3)</i>
<i>Doctor of Philosophy 24, Sep., 2012</i>	<i>Laboratory of Pesticide Chemistry, Department of Bioscience and Biotechnology, Graduate School of Bioresource and Bioenvironmental Science, Kyushu University, Fukuoka, Japan My thesis title is "Molecular cloning, expression and</i>

	<i>characterization of a recombinant tyramine-β-hydroxylase in silkworm infected with recombinant baculovirus ”</i>
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Academic Positions:

<i>1,Oct, 2001</i>	<i>Co-teacher in the Zoology Department, Faculty of Science, Assiut University, Assiut, Egypt.</i>
<i>10,Dec, 2001</i>	<i>Demonstrator in the Zoology Department, Faculty of Science, Assiut University, Assiut, Egypt.</i>
<i>1, March, 2005</i>	<i>Graduate student in Department of Agricultural Biology, College of Agricultural and Life Science, Kyungpook National University, Daegu, Republic of Korea.</i>
<i>Now</i>	<i>Assistant professor at the Department of Zoology, Faculty of Science, Assiut University, Assiut, Egypt.</i>

Computer Packages used:

<i>Sigma plot, DNA star software, Microsoft office 2010</i>

Scientific knowledge:

<i>Molecular Biology</i>	<i>PCR, Reverse transcriptase PCR, Gene Cloning, Northern, qPCR, Southern and Western blotting, qPCR</i>
<i>Biochemistry</i>	<i>Analysis of enzyme activity, ELISA, HPLC</i>
<i>Physiology</i>	<i>Immunoassays (Phagocytosis, encapsulation)</i>

Participations in Scientific meetings

<i>11,May, 2005</i>	<i>Korean Society of Applied Entomology Meeting.</i>
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22,October, 2005	Asia Pacific Congress of Entomology
13,May, 2006 <i>(Oral presentation)</i>	Korean Society of Applied Entomology Meeting. <i>Developmental Expression of Hemolin from Plodia interpunctella and Parasitism Effects of Bracon hebetor and Venturia canescens</i>
3,May, 2007 <i>(Oral presentation)</i>	Participation in the First Annual Conference for Young Scientists, Assiut University, Assiut, Egypt. <i>Changes of Host Plodia interpunctella by Parasitism of Ectoparasitoid Bracon hebetor.</i>

Awards and Scholarships

- Kyungpook National University Scholarship, South Korea	<i>From March, 01, 2005 to March, 01, 2007 including tuition fee and dormitory accommodation</i>
- Research student	<i>6 months as a researcher student "RNAi and expression of heat shock proteins in Pyrrhocoris apterus". at Insect Diapause & Environmental physiology lab. Institute of Entomology, Faculty of Science, South Bohemia University, Czech Republic.</i>
- MEXT Scholarship, Kyushu University, Japan	<i>From 1,October 2009 to 30,September 2012</i>

Research Interests

- **Construction of vector system for silkworm gene functional analysis, Constitutive gene expression system, Identification and purification of recombinant protein**
- **Insect neurogenetics**
- **Developmental biology**
- **Insect physiology and molecular biology**
- **Insect biochemistry**
- **Insect pest management**
- **Developmental biology**

List of Publications

1- Expression and characterization of a recombinant *Drosophila* tyramine- β -hydroxylase in silkworm infected with recombinant baculovirus

Ahmed M.H.Ali, Jae Man Lee, Mayumi Yoshida, Kosuke Sakashita, Jumpei Torii, Takahiro Kusakabe, Akinori Hirashimaa*

Journal of Asia Pacific of Entomology

2- Expression of 70 kDa heat shock proteins in the bug, *Pyrrhocoris apterus*: What is their role in cold tolerance?

Kostal V., Tollarova M., Ali A.M.H. (2009). 3rd International Symposium on the Environmental Physiology of Ectotherms and Plants. August 24-28, 2009, Tsukuba, Japan

3- Molecular cloning and characterization of a recombinant *Bombyx mori* tyramine- β -hydroxylase in silkworm cell line using baculovirus expression vector system
(Under review)

A. M.H. Ali, J. M. Lee, H. Ohta, T. Kusakabe, A. Hirashima

For Correspondence

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-Dr. Emad A Ahmed

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- Professor Lee, Kyeong- Yeoll

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Science, Kyungpook National University, Daegu, Republic of Korea.**

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