



السيرة الذاتية

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الحالة الاجتماعية: متزوج ويعول (منذ 1986)

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المؤهلات:

- بكالوريوس فى العلوم الزراعية - يونيو 1975 - كلية الزراعة جامعة حلوان - الاسكندرية.
- ماجستير فى العلوم الزراعية (تخصص: حشرات اقتصادية - فسيولوجى حشرات) من كلية الزراعة - الشاطى - قسم وقاية النبات - جامعة الاسكندرية .
- دكتوراه فى العلوم الزراعية (تخصص: حشرات اقتصادية - فسيولوجى حشرات) (اشراف مشترك بين كلية العلوم - قسم الحيوان - جامعة شيفيلد بانجلترا وكلية الزراعة الشاطى - قسم وقاية النبات - جامعة الاسكندرية).

عنوان رسالة الدكتوراه:

" دراسات على الغدد الصماء فى الحشرات "

"STUDIES ON INSECT ENDOCRINOLOGY "

Effect of chemical and surgical allatectomy on cerebral neurosecretory cells, corpora cardiaca and ovaries as well as the effect of precocene on corpora allata of certain ovoviviparous cockroaches .

"دراسات على الغدد الصماء في الحشرات"

تأثير استئصال غدة الكوربورا- آلتا (الغدد التعادلية) كيميائياً وجراحياً على خلايا المخ الإفرازية وعلى الكوربورا- كاردياكا (الغدد الجار فؤادية) والمبايض وأيضاً تأثير مادة البريكوسين على غدد الكوربورا- آلتا لبعض الصراصير الولودة .

عنوان رسالة الماجستير:

"STUDIES ON INSECT ENDOCRINOLOGY "

(Polyethism in relation to hormonal balance in worker honey bees) .

"دراسات على الغدد الصماء في الحشرات"

الاختلاف في التوازن الهرموني وعلاقته بظاهرة اختلاف سلوك وفسولوجى أفراد تابعة لنوع واحد ولها نفس الشكل هي شغالات نحل العسل"

اللغات:

- ❖ اللغة العربية: اللغة القومية
- ❖ اللغة الانجليزية : ممتاز
- ❖ اللغة الايطالية: جيد

التدرج الوظيفي :

- معيد بالكلية اعتبارا من 1975/11/23.
- مدرس مساعد بالكلية اعتبارا من 1980/12/31.
- مدرس بالكلية اعتبارا من 1984/4/15 .
- أستاذ مساعد بالكلية اعتبارا من 1991/2/26 .
- أستاذ بالكلية اعتبارا من 1998 /1/ 20 .
- رئيس مجلس قسم وقاية النبات اعتبارا من 2001/9/5-1998/9/5
- أستاذ فسيولوجى الحشرات بالقسم حتى تاريخه.
- المدير التنفيذى لمشروع الاعتماد والجودة بالكلية اعتبارا من مارس 2008 الى 26 أغسطس 2008.
- المدير التنفيذى لوحدة مكافحة الآفات بالكلية (وحدة الخدمات الزراعية) حتى تاريخه .
- وكيل الكلية للدراسات العليا والبحوث اعتبارا من 26 أغسطس الى تاريخه.
- رئيس تحرير مجلة " الجديد فى البحوث الزراعية" اعتبارا من 26 أغسطس الى تاريخه.

الخبرة فى التدريس :

1. حشرات عام.
2. أساسيات مكافحة الآفات.
3. دراسات خاصة فى علوم وقاية النبات.
4. آفات القطن الحشرية و مكافحاتها .
5. حيوان زراعى.
6. حشرات مائية.
7. فسيولوجى حشرات.
8. مورفولوجى حشرات متقدم.
9. تقسيم حشرات.
10. ميكرو تكتيك حشرى.
11. استخدام وسائل التقنية الحديثة فى دراسة الأنسجة الحيوانية.
12. مورفولوجى و فسيولوجى نحل.

الإشراف على الرسائل العلمية:

- 1- قمت بالإشراف على (سبعة) رسائل ماجستير وتم مناقشتهم.
 - 2- قمت بالإشراف على خمسة رسائل دكتوراه وتم مناقشتهم.
 - 3- قمت بمناقشة عديد من رسائل الماجستير والدكتوراه داخل وخارج الكلية.
- حضور المؤتمرات المحلية والدولية :

- 1- تم مشاركتي بالحضور والقاء أبحاث في 12 مؤتمر محلي في مجال وقاية النبات.
- 2- تم مشاركتي بالحضور والقاء أبحاث ورئاسة جلسات علمية في 16 مؤتمرا دوليا.

البحوث المنشورة:

عدد البحوث المنشورة (77) بحث في مجلات محلية ودولية.

RESEARCH : (LIST OF PUBLICATIONS)

- 1- **A.K. Mourad ; F. El-Gayar and M.A. Abdelatif (1982) :** “Polyethism in relation to hormonal balance in worker Honey Bees”. Proc., of the Second Egyptian Hungarian Conference of Plant Protection , Alex., Sept.,1982 .
- 2- **A.K. Mourad ; F.H. El-Gayar and K.C. Highnam (1984) :** “Effect of chemical and surgical allatectomy on cerebral neurosecretory cells, corpora cardiaca and ovaries as well as the effect of precocene on corpora allata of certain ovoviviparous cockroaches”. Fifth Annual Conference of the African Association of insect Scientists. Cairo, Dec.10-13 .
- 3- **Afaf A.El-Dakrory ; A.K. Mourad ; El-Sayed El-Feel and Nabil A. Mansour (1984) :**”Effect of organophosphorous esters on Hen clinical symptoms and reproductive hormones” . Egypt, Poult. Sci. 4 : 81-92 .
- 4- **A.K. Mourad ; H.A. Mesbah and K.C. Highnam (1985) :** “The brood pouch of ovoviviparous cockroaches *Byrsotria fumigata* , females” . Annals of Agric. Sci., Moshtohor.,Vol. 23 (3) .
- 5- **Kamelia Aly Abd El- Salam and A.K. Mourad (1985) :** “Nucleic acid changes in

the whole body of the flour moth , *Ephestia kuehniella* Zell., during metamorphosis”. Proc. 6th Arab pesticide Conf. Tanta Univ. , Vol.(11).

- 6- **H.A. Mesbah, A.K. Mourad and A.M. Ebieda (1985)** : “Toxicological studies of natural phytocompounds (1)-Synergism and antagonism of Pyrethroid, Organophosphorous- volatile oils of ornamentals and medical plants against the house fly *Musca domestica*”. Proc. 6th Arab Pesticide Conf. Tanta Univ., Vol.(1) .
- 7- **A.A. abdel-Gawad ; A.K. Mourad ; Eglal, M. Helal and N. El- Sengaby (1985)** : “Histological studies on the effect of Juvenoids and Anti-juvenile hormone on some Lepidopterous insects”. Proc. 6 th Arab Pesticide Conf. Tanta University .
- 8- **A.F.S.A. Saad ; A.H. El-Sebae ; A.K. Mourad ; O. Zaghoul and M.E. Omar (1986)**: “Toxilogical and Biochemical studies on the cotton leaf- worm *Spodoptera littoralis*”.Mad. Fac. Landbouwn. Rijksuniv. Gent ,Belgium.51/3b.
- 9- **El- Gamal ; Abdel Salam K.A. and A.K. Mourad (1986)** : “The neurosecretory activity in the permanent nymphs of *Shistoserca gregaria* (Forskal) as a result of gamma irradiation of the third nymphal instar”. Isotop & Rad. Res., 18 (2) : 147-153.
- 10- **M. Idriss ; A.K.Mourad, and S.M. Sherby (1987)**: “Gossypol affects on the biometrics of *Philosamia ricini* (DRU)”. Alex. Sci . Exch . 8 (3) :123-135.
- 11- **Moursi , Khadiga S. ; H.A. Mesbah and A.K. Mourad (1987)** : “Preliminary field observations of *Agdistis staticis* (Milliere) (Lepidoptera, Peterophoridae) on Economic and wild plants” . Annals of Agric.Sci. Moshtohor , Vol. 25 (2).
- 12- **F. El- Zoghaby; A.K. Mourad and O. El-Ansary (1987)** : “Effect of Precocene II and Altosid on the house fly *Musca domestica*” . Communication in Science and Development Research. 17 (198): 43-59.
- 13- **Mourad, A.K. ; F. El- zoghaby and M. Ali (1987)** : “Effect of three insect growth regulators on the development of cheese skipper, *Piophilidae* (L.). (Piophilidae , Diptera)”. J. Agric. Sci. Mansoura Univ. 12 (4): 1001-1006.

- 14- **Moursi , Khadiga S. ; A.K. Mourad and H.A. Mesbah (1987) :** “An analysis of *Limoniastrum monopetalum* fauna in the Egyptian Western desert .I- Preliminary studies on *Phenacoccus limoniastri* Priesner&Hosny (Homoptera: Pseudococcidae)”. J. Agric. Sci. Mansoura Univ. 12 (4) : 1007-1011 .
- 15- **A.K. Mourad (1987) :** “The inhibitory effect of Precocene II on vitelogenesis in *Drosophila melanogaster* (Drosophilidae , Diptera)”. Com. Sci. & Dev. Res. Vol. 20
- 16- **Magda El- Kady ; A.H. El-Nady; A.K. Mourad and H.A. Mesbah (1989):** “Effect of some new insect growth inhibitors(I.G.Is) on metamorphic deformities and cytological behaviour in the cotton leaf-worm *Spodoptera littoralis* (Boisd.)”. J. Agric. Sci. Mansoura Univ. 14 (2) : 128-1138 .
- 17- **Mourad, A.K.; Magda El Kady; M. Abou Kahla and H.A. Mesbah (1989):** “Evaluation of certain new insect growth inhibitors on the cotton leaf worm *Spodoptera littoralis* (Boisd.) (Lepidoptera, Noctuidae)”. J. Agric. Sci. Mansoura Univ. 14 (2) : 827- 834 .
- 18- **I.A. Kraksy ; A.K. Mourad ; H.A. Mesbah and Nagda El Sayed (1989) :** “Effect of hygrothermic conditions on the biophysiological parameters of Eri-Silkworm *Philosamia ricini* (Boisd.). The 7th Arab Pesticide Conference. Tanta Univ. Sep. 11 12 ,1989 .
- 19- **Mourad , A.K. ; Laila M. Rashwan and N.A.Hassan (1990):** “Efficiency of three chemical compounds and two phytocompounds upon the broad bean aphid *Aphis craccivora*,Koch.(Aphididae, Homoptera). J. Agric. Mansoura Univ. 15 (4) : 602 - 607
- 20- **M.Zaki Abdo; H.A.Awad ; A.K. Mourad and H.A. Mesbah (1990):** “Effect of burning green and dry cotton bolls on the incidence of bollworm infestation in El Beheira Governorate”. Alex. Sci. Exch. 11(4) : 77 - 91 .
- 21- **M. Zaki Abdo; H.A. Awad ; A.K. Mourad; H. A. Mesbah and O. A. Gougary (1990):** “Effect of sex pheromone treatment during "I.P.M." on the infestation level of the cotton bollworm *Pectinophora gossypiella*

(Saund.)". Alex. Sci. Exch. Vol. 11: No. 4 pp. 93 - 110 .

- 22- **Ahmed Kamal Mourad (1991)**: "Effect of the insect growth inhibitor , AIMX , on certain biophysiological parameters of the spiny bollworm *Earias insulana* (Boisd.) (Arctiidae, Lepidoptera)". J.Alex. Sci. Exch. Vol. 12 : No. 1 pp. 109 - 124 .
- 23- **Abdo, M.Z. , A.A. Khidr , H.A. Awad and A.K. Mourad (1991)** : "Population fluctuations of the cotton bollworms , *Earias insulana* (Boisd.) and *Heliothis armigera* (Hubner)" . J.Com. Sci. & Dev. Res. Vol. 35 : 125-131.
- 24- **Abdo, M.Z.; H.A. Awad ; A.S. El Deeb and A.K. Mourad (1991)** : "Field evaluation of fourteen insecticides against the cotton leafworm , *Spodoptera littoralis* (Boisd.)". Egypt. J. Appl. Sci.,6 (7) : 153 162 .
- 25- **Abdo, M.Z ; H.A. Mesbah and A.K. Mourad (1991)**: "Effect of burying green and dry cotton bolls at different depth levels on the emergence of spiny and pink bollworm moths". Egypt. J. Appl. Sci., 6 (12): 274-283 .
- 26- **Abdo, M.Z; A.H. Awad; A.M.I. Al-Beltagy; A.K. Mourad and H.A. Mesbah (1991)**: "The efficiency of four new pheromone formulations in reducing the population density of the pink bollworm in El- Beheira Governorate" . Egypt. J. Appl. Sci., 6 (12) : 37-47.
- 27- **Al-Beltagy, A.M.; M.M. El-Mourshedy; A.S. El- Deeb and A.K. Mourad (1993)**: "The role of light and sex-pheromone traps in monitoring the populations of certain cotton insects". J. Applied Science. Zagazig Univ., 8 (4): 287-302.
- 28- **Abdo, A.Z. ; A.K. Mourad and M.A. El-Hamaky. Egypt (1994)**: "Effect of cotton plant densities on the abundance of some harmful and beneficial insects in cotton fields". J. App. Sci. , 9 (2) :149 -165.
- 29- **S. Bradleigh Vinson , Ahmed Kamal Mourad , and Deborah K. Sebesta (1994)** : "Sources of possible host regulatory factors in *Cardiochiles nigriceps* (Hymenoptera: Braconidae)" . Archives of insect Biochemistry

and Physiology . 26 : 197-209 .

- 30- **Ahmed Kamal Mourad , S. Bradleigh Vinson, and Deborah K. Sebesta (1994):** “The effect of *Cardiochiles nigriceps* (Hymenoptera, Braconidae) progeny membrane on the phenologidae system of its natural host”. Crop Health Conference, March 21-24. Fayoum, Egypt. P.21.
- 31- **Mourad, A.K. and O.A. Zaghoul (1995):** “Eye pigmentation in the pharate adult as a morphological character to distinguish the different ages of certain gelechiid insects”. J. Appl. Sci.,10 (9) : 359-378
- 32- **Ahmed Kamal Mourad (1995):** “Studies on pests of date-palm trees in Idko and Rashid regions (El- Beheira Governorate). 1: Infestation of two date fruit varieties with some nitidulid beetles (Coleoptera)”. J. App. Sci. Vol.,10 (9): 359-378.
- 33- **Al-Beltagy ,A.M.; M.M. El- Mourshedy and A.K. Mourad (1994) :** “Pheromone traps for monitoring insecticide tolerance in three different Lepidopterous insects as effective tool for insecticide tolerance management”. Fifth Arab Congress of Plant Protection. November 27-December 2. FES, Morocco .
- 34- **O.A. Zaghoul and A.K. Mourad (1996) :** “Studies on the use of ash for protection of stored cowpea seeds against *Callosobruchus maculatus* (F.) (Coleoptera : Bruchidae)” .Zagazzig J. Agric. Res. Vol .23 No.(2) : 295-309
- 35- **A.K. Mourad (1996) :** “Studies on pests of date-palm trees in Idko and Rashid sites (El-Beheira Governorate). 2: Infestation of two date-fruit varieties with *Batrachedra amydraula* Meyr. (Lep.: Cosmopteridae) , *Phonapate frontalis* (Col.,: Bostrychidae) and *Coccotrypes dactyliperda* (Col.,: Scolytidae) In Idko and Rashis regions (El- Beheira Governorate)” . Egypt. J. Appl. Sci. Vol.,11 (7):245-260.
- 36- **A.K. Mourad (1996) :** “The effect of *Cardiochiles nigriceps* (Hymenoptera: Braconidae) parasitization on some developmental and physiological parameters of its natural host *Heliothis verescens* (F.) (Lepidoptera:

Noctuidae)".48th International Conference of Crop Protection.7th May. Belgium, Gent.vol. 61 (3b):pp.937-947

- 37-**O.A. Zaghloul and A.K. Mourad (1996)** : “Mungbean resistance to *Callosobruchus chinensis* (L.):1- Relative susceptibility of some mungbean varieties to *Callosobruchus chinensis* (L.) (Coleoptera: Bruchidae) with special reference to mechanisms of resistance”. Egypt. J. Appl. Sci., 11(9); 148-167.
- 38- **A.K. Mourad and O.A. Zaghloul (1997)** : “Effect of some environmental factors on *Callosobruchus chinensis* (L.) (Coleoptera:Bruchidae) infesting mungbean in Egypt”. 49th International Conference of Crop Protection. 5th May. Belgium, Gent. Vol.62(2B):623-632.
- 39- **Magda B. El Kady and Ahmed K. Mourad (1997)** : “The effect of the insect growth regulators, Tebufenozide “RH-5992” and CGA 59’205, on some biological parameters in *Agrotis segetum* SCHIFF (Lepidoptera: Noctuidae)”. Zagazig J. Agric. Res. Vol. 24 No. 5,pp. 839-859
- 40- **Saadat M. F. Ibrahim and Ahmed K. Mourad (1997)** : “The ultrastructure of the greater sugar cane borer *Sesamia cretica* Led. (Lepidoptera : Noctuidae) mid-gut after treatment with some bacterial pesticides”. J. Advances in Agricultural research, Vol.2, No.1.
- 41- **A.K. Mourad and Jose Zanuncio (1996)** : “Studies on pests of date-palm trees in Idko and Rashid sites (El-Beheira Governorate). 3:Population density of the date scale insect *Parlatoria blanchardi* (Homoptera: Diaspididae) on some date-palm varieties”. 50th International Conference of Crop Protection. 5th May. Belgium, Gent. Vol. 63(2a):pp389-395
- 42- **B. Carton; G. Smagghe ; A.K. Mourad and L. Tirry. (1998)** : “ Effect of RH-2485 on larvae and pupae of *Spodoptera exigua* (Hubner) (1998):. 50th International Conference of Crop Protection. 5th May. Belgium, Gent. Vol. 63(2b):pp.537-545
- 43- **Osman A. Zaghloul and Ahmed K. Mourad (1998)** : “Studies on *Uscana lariophaga* Steffan (Hymenoptera : Trichogrammatidae),with reference

to its role in the assessment of cowpea losses due to *Callosobruchus maculatus* (F.) (Coleoptera : Bruchidae) in Egypt (1998): 50th International Conference of Crop Protection. 5th May. Belgium, Gent. Vol. 63(2b):pp.441-448

- 44 - **Mesbah, H. A; A.K. Mourad ; N.A. Hassan ; S.M. Hammad and Aziza A.S. Fata (1998)** : “Plant health a new approach for the attainment of tolerant plants to pests infestation (2) Effect of some foliar nutrients on the incidence of *Bemisia tabaci* on two tomato cultivars during different growing seasons”. Adv. Agric. Res. Vol. 3, No. 3 pp.471-481.
- 45- **Guy Smagghe ; Yoshiaki Nakagwa ; Bert Carton; Ahmed Kamal Mourad ;Toshio Fujita and Luc Tirry (1999)** : “Comparative Ecdysteroid Action of Ring-Substituted Dibenzolhydrazines in *Spodoptera exigua*”. Archives of Insect Biochemistry and Physiology . Vol. 40 .
- 46- **Bradleigh Vinson and Ahmed Kamal Mourad (1999)** : “The behavior and physical response of first instar parasitoid larvae to competitors”. Journal of Biological Control (Submitted).
- 47- **A.K. Mourad; Nemat F. Mohana; O.A. Zaghloul and K.M. Abd El Hamid (2000)** : “Control of *Varroa jacobsoni* (Acari : Varroidae) on the honey bee by using certain natural materials”.52th International Conference of Crop Protection. 5th May . Belgium , Gent. Vol.65 (2a):pp.401-422
- 48- **Mesbah , H.A.; A.K. Mourad; Ehsan A. Zakzouk ; S.M. Hammad and Aziza A.S.Fata (2000)**: “Plant health , a new approach for the attainment of tolerant plants to pests infestation (4. Effect of some nutrients on the incidence of the *Aculops lycopersici* (Masse) (Acari: Eriophyidae) on tomato plants in different seasons”. Adv. Agric. Res. vol.5,No.(2).1385-1403
- 49-**Vinson, S.B. and A.K. Mourad (2000)**: “ The response of *Cardiochiles nigriceps* Viereck (Hymenoptera: Braconidae) larvae to conspecific competitors in Hymenoptera”. Evolution, Biodiversity and Biological Control , pp. 46-49.

- 50- **A.K. Mourad ; H.A. Mesbah ; Khadiga E. Moursi ; Aziza A. S. Fata and Soad I.A. (2001)** : “Survey of scale insects of ornamental plants in Alexandria Governorate; Egypt. 53rd International Conference of Crop Protection. 8th May, Belgium. Gent Vol.66(2b): pp.571-580
- 51-**H.A. Mesbah; Khadiga E. Moursi ; A.K. Mourad;Aziza A. S. Fata and Soad I.A (2001)** :“The population dynamics of *Fiorinia fioriniae* (Targioni) (Homoptera :Diaspididae) and factors affecting its seasonal abundance in Egypt.53rd International Conference of Crop Protection . 8th May , Belgium, Gent. Vol.66(2b): pp.537-544
- 52- **Khadiga E. Moursi ; A.K. Mourad; H.A. Mesbah; and *Soad I.A (2001)** : “The bionomics of the scale insect *Eriococcus araucariae* (Muskell) (Homoptera: Eriococcidae) on *Araucaria excelsa* in Egypt”.53rd International Conference of Crop Protection.8th May.Belgium , Gent. Vol.66(2b): pp.547-552
- 53- **Khadiga E. Moursi ; H.A. Mesbah; A.K. Mourad; and *Soad I.A (2001)** : “Ecological studies on the snow scale insect, *Lineaspis striata* (Newstead) (Homopetera : Diaspididae) on *Thuja orientalis* in Egypt. 53rd International Conference of Crop Protection.8th May, Belgium , Gent. Vol.66(2b): pp.553-558
- 54- **Khadiga E. Moursi ; H.A. Mesbah; A.K. Mourad and H. I. El-Damanhour** (2001) : “Survey of insects and non-insects fauna associated with *Acacia species* in different localities in Egypt (2001) : 53rd International Conference of Crop Protection. 8th May , Belgium , Gent. Vol.66(2b): pp.581-588
- 55- **H.A. Mesbah; Khadiga E. Moursi; Suzan Badr; A.K. Mourad and H. I. El-Damanhour** (2001) : “Insect and non-insect species of *Acacia saligna* Benth along the Northern Western coast of Egypt” . Adv. Agric. Res.vol.6 (2),pp. 479-485
- 56- **Mesbah H.A.; Badr ; S.A.; Moursi Khadiga, S. ; Mourad.A.K. and Abdel-Razak, S.I (2001)** : “Population Fluctuations of the Florida wax-scale, *Ceroplastes floridensis* Comstock (Homoptera : Coccidae)

infesting *Ficus* spp. in Alexandria Governorate”. Adv. Agric. Res.vol.6 (4),pp.979-987.

- 57- **Mesbah, H.A; A.K. Mourad;Hanyiat M. El-Nimr ;M.A. Massoud and A.A. Abd El-Aziz (2002)** : “ The role of some agricultural practices and fertilizer type on both the incidence of stem borers infestation and corn yield .(2002).. 54th International Conference of Crop Protection; 7th May. Belgium, Gent. . Vol. 67 (3): pp. 575-590
- 58- **Mesbah, H.A; A.K. Mourad; Hanyiat M. El-Nimr ; Magda B. El-Kady and Nagah S. Haroun (2002)**: “Effect of sequential application of foliar nutrients; biofertilizers and sowing dates on the incidence of corn stem borers in Egypt”. 54th International Conference of Crop Protection; 7th May. Belgium , Gent. Vol. 67 (3): pp.487-497
- 59- **Mesbah, H.A.; A.K. Mourad ; Ehsan A. Zakzouk ; S.M. Hammad and Aziza A.S. Fata (2002)**: “Efficiency of three coloured sticky traps in attracting insect species of tomato plants” Adv. Agric. Res. vol.6, No.(1).143-156
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