

C.V

Hanan Mohamed Sobhy

Nationality: Egyptian

Sex: Female

Date of Birth: Septemper 19, 1961

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Marital Statues: Married

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Education

1983 B.V.Sc: Faculty of veterinary medicine, Cairo University.

Undergraduate studies: Anatomy, Chemistry, Phsiology, Pharmacology, Histology, Toxicology, Meat inspection, Hygiene, Zoonotic diseases, poultry diseases, infectious, medicine, parasitology and microbiology.

1987 M.V.Sc: Faculty of veterinary medicine, Department of Pharmacology, Cairo University.

1991 Ph.D: Faculty of veterinary medicine, Department of Pharmacology, Cairo University.

◆ Ph.D title :

Effect of sumicidine and S-3206 insecticides (synthetic pyrethroids) on fetal development and male fertility.

Postgraduate studies: Pharmacology and Physiology

◆ **Master title:**

Pharmacological and toxicological studies on the carbamate insecticide "Mehomy1".

Postgraduate studies: Pharmacology, Toxicology and Statistics.

Employment

2012 :- Manager of chemical safety- *AHRI* (2012)

2008: -Technical manager of pyrogen unit(accredited by 17025)
- Chemical safety *official in biosafety office -AHRI*

2001: Professor of pharmacology

1996-2001: Assistant professor of pharmacology.

1994-1996: Head of Pharmacology Unit,-Biochemical, Toxicology and Food deficiency Departement- Animal Health Research Institute, Dokki, Gizza, Egypt.

1992-1993: Post Doctoral Training in Biology department, Old Dominion University Norfolk, Virginia. U.S.A (on control of Anaplasmosis and Babesiosis through Biotechnology of Egypt).

Biotechnology Work:

-Examination of Biotechnology tick Phermones by Using TLC, HPLC.

-Preparation of decoys containing tick Phermones and examines on animals.

-Reanalysis of decoys by GC.

1991-1992: lecture in Pharmacology unit-Biochemical, Toxicology and Food deficiency Departement- Animal Health Research Institute, Dokki, Gizza, Egypt.

1984 -1991: Veterinarian in parasitology Department, Animal Health Research Institute, Dokki, Gizza, Egypt.

Practical Experience

- Teaching for Pre and Post-graduated Doctors.
- Analysis of Drugs and pyrogen test used in filed for treatment of animals and for prophylactic.
- working on HPLC and GC for analysis of drugs.
- examined drugs for pyrogen.
- Pharmacological studies on new drugs, plant extract and insecticides.
- cytogenetic studies of different drugs and substances on animals.
- Pharmacokinetic and drug residues.
- Preparation and examination of decoys (as a biological control of ticks) on cattle, camel, buffalo and pet animals.
- Study the effect of some medical and forensic plants extract on fertility and teragenicity in male and female animals with use some them to increase fertility of male and growth of feti.
- Examination of liver and kidney function and all parameters present in serum after using a drug.
- Isolation of DNA and measure it's content with studying some substances that effect on it.
- Study of effects of some biological subs and some bacterial strains.
- Pharmacological instructor:
Instruction in all aspects of Pharmacology and training of new veterinarian (Egyptian and Afroassian).
- Study the effect of some biological substance on Cytogenetic and DNA of mammals.
- Preparation of some new substances used as a growth promoter Factor.

- Preparation of new substances (Phermones) and recorded under my name.
- Pharmacokinetic studies of some drugs
- Determination Of pyrogen in pharmaceutical, biological and medical device.
- Training for doctors on "Chemical safety in lab."
- Experience in project management.
- Excellent Knowledge with ISO 17025.
- **Good command of English and computer**

Supervisor And Approval of Thesis

- M.V.Sc degree under tilte" some phytochemical and pharmacological studies on Echinochola crus galli plant" (1998)
- Ph.D.degree under title "Effect of some drug on the growth of broiler chicken".(2000)
- Ph.D.degree under title "Biochemical studies of some insecticidal effects on environmental pollution".(2000)
- Ph.D..degree under"Biochemical studies on the effect of some antioxidants and microelements in laying hens".(2005)
- M.V.Sc.degree ynder title "Study the effect of Thiamphenicol and its combination with vitamin B12 in male rats".(2006)
- Ph.D.degree under title"Effect of Allium cepa ,Nigella sativa ,Cicer arietinum on fertility in male rats".(2008)

- Ph.D.degree under title" Nutritional effect of Olive oil and Barley on DNA damage and cytogenecity induced in rats"(2008)
- M.V.Sc."Effect of some food additives on cytogenicity and biochemical analysis in rats".
- M.V.Sc.degree under title "Nutritional evaluation and hepatoprotective effect of mushroom in rats".(2008)
- M.V.Sc.degree under title "Effect of Soya bean and its products on fetal development and biochemical analysis in rats".(2011)
- M.V.Sc. degree under title "Study the effect of some medicinal plants on biochemical analysis in diabetic rats".(2011)
- Ph.D.degree under title" Nutritional effect of Curcumin , Ginger & Rose- mary on DNA damage and cytogenecity induced in rats".(2012)
- M.V.Sc. degree under title” Ameliorating effect of Jojoba oil and Olive oil on DNA- damage , cytogenicity and some biochemical parameters in rats.”

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Acknowledgment And Approval of Thesis

- M.V.Sc.degree under title "Biochemical studies on some polluted food with some pesticides residue."(1997)
- M.V.Sc.degree under title "Pharmacognostical study of sonchus oleraceus L. growing in Egypt."(1999)
- M.V.Sc.degree under title "A trial of use of antioxidant nutritional agent for compating toxicity of acrylamide." (2000).

Training and scientific project

- Cooperation with Dr.Daniel sonnenshine –Old dominion university-USA.in project under title” control of anaplasmosis and babesiosis through biotechnology of Egypt. (1992)
- Training of chemistry of tick pheromones. Accomplished at Old Dominion university, Virginia, USA(1993)

Certificates:

- (The Statistical Analysis for Quality Control and Quality Assurance).In Egyptian Atomic Energy Authority .10/4/2012
- The reasons for the lack of fertility in farm animals.-Animal Reproduction Research Institute. 19-23/2/2012

- Attend a workshop - accounts uncertainty- Animal Health Research Institute.16/1/2012
- Attend the session of Occupational Safety and Health- Animal Health Research Institute .23-25 October 2011
- Training module for proposal writing research and Project Management-Animal Health Research Institute- 27/2- 3/3 & 21-23/3/2011.
- Training on Portable Test System - Technical manager of Charles river Company - Animal Health Research Institute .18/10/2010.
- ISO 17025 - Animal Health Research Institute, Offered Between Jan. 11th to 15- 2009.
- Environmental health and its relationship to animal health and its impact in the production of meat and dairy to attend a session.
Animal Health Research Institute.23/3-3-4/1997.
- Assessment of pesticides – Central Agriculture Pesticides Laboratory. 12/12/1993-6/1/1994.
- Training in USA on Chemistry of Tick pheromones . (1992-1993)

Scientific activity

◆-Invention patent

Biological resistance to tick animal by decoys . may (1996),No.537.

◆-A letter of thanks and appreciation from the Arab Organization for Agricultural Development Search;

“Study of the effect of jojoba oil as antibacterial agent and growth promoter factor.”(1998).

Conferences

-Egyptian Biosafety Associations Orientation to Biorisk Management.14-15/1/2013

-Attendance the Ninth Congress of Biochemistry and Molecular Biology and its role in the development and the environment- Ain Shams University 4-6/3/2012.

-Attendance and participation in the organization of Egyptian Biosafety Association Workshop, Ain ElSukhna,22-23 October2010. “Security and bio-safety in the laboratory “

-The First Scientific Congress 6-8 MAY 2003, Kafr El-Sheikh Veterinary Medical Journal (Tanta University) and participation research publication in conference

-Participate in 25Arab Veterinary Medical Congress, (2001)

and participation events conference and recommendations for it.

-Participate in 1st Scientific congress For Provincial Laboratories.15-17 May (2000). (Special Issue: Egypt. J. of Agric. Res.) and participation research publication in conference.

-Participate in 11th Egyptian Veterinary Medicine Association For Comparative Pathology Clinical Pathology congress -28-29 October 1998 (Suez canal University). and participation research publication in conference.

Training activities

◆ Lectures:

1-Standard operating procedure of chemicals inside labs.(2012) In Animal Health Research Institute

2- Laboratory biosafety of chemicals and risk assessment.(2010) In Animal Health Research Institute .

3-Working Safely in Lab.(2010)- In Animal Health Research Institute .

4- Participate in training course – Pyrogen test unit, Department of Biochemistry - Animal Health Research Institute, in the period 18-22/10/2009. "Pyrogen test on biological and pharmaceutical products".

5-Seminar on "LAL pyrogen test" theoretical - Pyrogen test unit, Department of Biochemistry - Animal Health Research Institute, 16/8/2009.

- 6- Chemical Risk Assessment in lab.(2009)- Animal Health Research Institute
- 7- Laboratory biosafety of chemicals and wastes.(2008)- In Animal Health Research Institute
- 8-Chemical waste management.(2008)- In Animal Health Research Institute.
- 9- Incompatible chemicals and chemicals storage (2008). Ismailia Lab.- Animal Health Research Institute.
- 10- Biosafety in chemical lab.(2008).Damnhour lab.- Animal Health Research Institute.
- 11- Participate in training course - Department of Biochemistry – Animal Health Research Institute, in the period 2- 13/3/2008.
- Session title: GMP for quality control of drugs.
- 12- Bad uses of drugs (on DNA). In Animal Health Research Institute (2007).
- 13- Do part practical training course Department of Biochemistry - Animal Health Research Institute, in the period 26/2/2006 – 9/3/2006.
- Session title:Egyptian standard specifications Qualitycontrol medicines.
- 14- Participate in training course Department of Biochemistry – Animal Health Research Institute, in the period March 5– 16 , 2005. “Recent trends in quality control medicines”.
- 15- Do part practical training course Department of Biochemistry -

Animal Health Research Institute, in the period 8 - 19 March 2003.
“Impact of misuse of pesticides and veterinary medicines and fodder for animal health”.

16- Do part practical training course, Department of Biochemistry - Animal Health Research Institute, in the period 29/12/2001 - 9/1/2002. “Impact of misuse of pesticides and veterinary medicines and fodder for animal health”.

◆Symposia:

1- Attending seminar on “LAL pyrogen test (practical)” - Pyrogen test unit, Department of Biochemistry - Animal Health Research Institute, 9/9/2009.

2- Attending seminar on “Rabbit pyrogen test (practical)” - Pyrogen test unit, Department of Biochemistry - Animal Health Research Institute, 15/7/2009.

3- Attending seminar on “Rabbit pyrogen test (theoretical)” - Pyrogen test unit, Department of Biochemistry - Animal Health Research Institute, 26/4/2009.

4- Attending seminar on “Biosefty in laboratories” - Pyrogen test unit, Department of Biochemistry - Animal Health Research Institute, 15/3/2009.

◆Farm visits and missions

- Visit to factory and company (ADWIA) for Veterinary Medicines City of Tenth of Ramadan, within training programme, in (2008).

◆ المقالات العلمية والأرشادية:

- أهمية مشتقات الكينولون كمضادات حيوية (1999).
- الامان الحيوى داخل معامل الكيمياء- بنشرة الامان الحيوى(2008).
- مقالة منشورة بمجلة العلم التابعة لأكاديمية البحث العلمى بعنوان "الهوهوبا الذهب الأخضر" العدد 386 نوفمبر (2008).

◆ المشاركات العلمية

- التعاون العلمى مع الهيئات العلمية المختلفة داخليا وخارجيا
- حضور المؤتمرات العلمية التى تقيمها الجمعية الطبية المصرية-
- الاشتراك فى مؤتمرات الطب البيطرى فى السنوات المختلفة-
- المشاركة بالحضور فى الندوات العلمية الخاصة بالادوية والتى تعقدها اكاديمية البحث العلمى فى السنوات المختلفة.
- حضور ورش العمل الخاصة بكتابة المشروعات بالمعهد والمركز (2011)

◆ العضوية

- عضو جمعية اعضاء هيئة بحوث مركز البحوث الزراعية منذ عام (2008).
- عضو الجمعية المصرية للامان الحيوى منذ عام(2009).
- عضو الجمعية الطبية المصرية
- عضو الجمعية العلمية لمعهد بحوث صحة الحيوان (2012)
- عضو مجموعة أبحاث التغذية الطبية - كلية العلوم الطبية التطبيقية بجامعة الملك عبد العزيز - المملكة العربية السعودية (2012)