CURRICULUM VITAE

Family name: KAFU

First name: Ali Amin Ahmed Ali

Permanent address:
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E mail: benkafu@yahoo.com

Date of birth: 30 March 1960

Place of birth: Tripoli, Libya

Martial status: Married

Nationality: Libyan

Language: Arabic – mother tongue
English
German – elementary

Computer skills: Excellent

Education:

1978-82: B.Sc. in Plant Protection, University of Garyounis, Faculty of Agriculture, El-Beida, Libya.

1988-89: M.Sc. In Environmental Biology, University of Manchester, Faculty of Science, England. **Thesis title** "Effects of contamination with wild type and "recombinant" genotypes on the stability of the T:Y(wp^+)30C genetic sexing strain of the Mediterranean fruit fly *Ceratitis capitata* (Wied.)"

1989-92: Ph.D. In Environmental Biology, University of Manchester, Faculty of Science, England. **Thesis title** " Laboratory study of factors affecting the stability of a Y-autosome translocation in the Mediterranean fruit fly *Ceratitis capitata* (Wied.) in relation to development of a genetic sexing technique based on pupal color"

Training:

1. Training course on "Use of pheromones as attractants in pest as attractants in pest control", organized by the British council and held at University of Southampton, England, 29 May-10 June 1983.
2. International Atomic Energy Agency (IAEA) Fellowship on the application of genetic sexing mechanisms in medfly *Ceratitis capitata* sterile insect technique (SIT) pest control programmes" IAEA Laboratories, Seibersdorf, Austria. During this fellowship I was involved in the mass rearing, quality control, and stability detection of genetic sexing strains, 1986-88.
3. International Atomic Energy Agency (IAEA) Fellowship on evaluation of mating behaviour aspects of medfly genetic sexing strains under laboratory and field conditions, 3Aug. – 2 Oct. 1992.

4. International Atomic Energy Agency (IAEA), Regional Training workshop on use of male sterile technique for medfly controlling programme, Tozeur, Tunisia, 5 September – 14 October 1994.
5. Integrated pest management (IPM) training course on citrus pest, Citrus Board, Ministry of Agriculture, Syria, 17-29 July 1994.
6. FAO. Regional Workshop Training in Phytosanitary Capacity Evaluation and Contemporary Phytosanitary Measures and Procedures, Hammamet, Tunisia 15-26 September 2003.
7. Training course on Personal Strategic Planning, 13-14 Oct. 2014, Tripoli, Libya organized by Sofra Tanmia Academy for Personal & Leadership Development Ltd., London, UK

Workshops and scientific meeting:

1. FAO Workshop on Management of the Whitefly-Virus complex in Vegetables and Cotton Production in the Near East, Larnaca, Cyprus, 2-6 October 1995.
2. FAO Workshop on Citrus Leafminer (*Phyllocnistis citrella*) and its Control in the Near East, Safita (Tartous) Syria, 30 Sep. – 3 Oct. 1996.
3. FAO study tour on red date palm weevil (*Rhyncophorus ferruginous*) and the peach fruit fly (*Bactrocera zonata*), Cairo, Egypt, 16-19/10/2000.
4. FAO, 2nd meeting of the Phytosanitary working group for the north African countries , Tripoli, Libya 07-09 May 2001.
5. FAO Workshop on Integrated Pest Management for Agriculture Crops in the North African Countries. Biskra, Algeria, 22-26 October 2001.
6. FAO Regional Workshop on Integrated Production and Protection Management (IPP) in Greenhouse Crops, Agadir, Morocco, 2-7 February 2003.
7. FAO Regional Workshop on Peach Fruit Fly Management, Cairo, Egypt 19-31 July 2003.
8. FAO Regional Workshop Training on Phytosanitary Control of Peach Fruit Fly, Rabat, Morocco, 26 April – 6 May 2004.
9. FAO Regional Workshop on Peach Fruit Fly Management, Cairo, Egypt 29/08-2/09/2004 .
10. FAO, 3 ed meeting of the Phytosanitary working group for the north African countries , Nouakchott, Mauritania, 6-11 June 2005.
11. Six Coordinating Meeting of the FAO, Regional working group greenhouse crop production in the Mediterranean region, Amman, Jordan, 17-20/12/2006.
12. Meeting of the Mediterranean Network on Certification of Citrus (MNCC) in Adana (8-9 June, 2006) which was organized by International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM).
13. FAO Near East Regional IPPC Workshop for the Review of Draft International Standards for Phytosanitary Measures (ISPMs), Cairo, Egypt, 18-22 July 2009.
14. FAO Near East Regional IPPC Workshop for the Review of Draft International Standards for Phytosanitary Measures (ISPMs), Cairo, Egypt, 9-13 September 2012.
15. The Eight Session of the Commission on Phytosanitary Measures (FAO), International Plant Protection Convention, Rome, Italy 8-12 April 2013.
16. FAO Regional IPPC Workshop for the Near East and North Africa Region, for the Review of Draft International Standards for Phytosanitary Measures (ISPMs) Agadir, Morocco 28 October – 1 November, 2013.
17. The Ninth Session of the Commission on Phytosanitary Measures (FAO), International Plant Protection Convention , Rome, Italy 31st March – 4th April 2014.
18. FAO Regional IPPC Workshop in Near East and North Africa Region, Amman, 14-17 September 2015
19. 11th Session of the Commission on Phytosanitary Measures (FAO), International Plant Protection Convention, Rome, Italy 3 - 8 April 2016.
20. The FAO - IPPC- CIHEAM International on *Xylella fastidiosa* & the Olive Quick Decline Syndrome (OQDS) 19-22 April 2016, in Bari, Italy.

21. FAO, Inception and work planning workshop of the TCP/RAB/3601 "Preventive Measures for the Introduction and Spread of *Xylella fastidiosa* - Olive Quick Decline Syndrome in NENA Countries" in Tunis during 29 Aug-02 Sep 2016
22. FAO Regional IPPC Workshop in Near East and North Africa Region, Algiers, Algeria, 05-08 September 2016.
23. International Olive Council (IOC) - CIHEAM International on *Xylella fastidiosa* & the Olive Quick Decline Syndrome (OQDS) 28-30 November 2016, in Bari, Italy.
24. FAO Scientific Consultation and High - Level Meeting on Red Palm Weevil Management, Rome, 29-31 March, 2017
25. 12th Session of the Commission on Phytosanitary Measures (FAO) International Plant Protection Convention, Incheon, Republic of Korea 5 - 11 April 2017.
26. Third FAO - IAEA International Conference on Area-wide Management of Insect Pests, International Atomic Energy Agency, 22 - 26 May 2017.

Appointments:

1982-87:	Research Assistant, Plant Protection Department, Agricultural Research Centre, Tripoli, Libya.
1987-93:	Researcher Entomologist, Tajora Nuclear Research Center, Tripoli, Libya. (seconded to the International Atomic Energy Agency and Manchester University for post graduate study).
1993- 00:	Head of Plant Protection Department, Agricultural Research Centre, Tripoli, Libya.
2000- Sep. 02:	Head of Biotechnology Department, Agricultural Research Centre, Tripoli, Libya.
2002 – 2005:	Researcher Entomologist, Agricultural Research Centre, Tripoli, Libya.
2005 – 2007:	Director of information, Documentation and Technology Transfer Dep. , ARC.
2007 – 2008:	Deputy Director, Director of Tripoli office and acting Head of Technical cooperation office.
2008 – Oct. 09:	Deputy Director and acting Head of Technical Cooperation office.
11/09-10/2010:	National Coordinator for Fruit Fly Project, National Authority for scientific Research / Ministry of High Education and Research.
11/10-Present:	Project Manager for Fruit Fly Project, Biotechnology Research Centre/ Ministry of High Education and Research.
6/2012-Present:	Member of board of the National Center for Plant Protection and Quarantine
10/2014- present:	International Plant Protection Convention (IPPC) Official Contact Point
09/2016- present:	National Consultant for FAO TCP project (TCP/RAB/3601) "Preventive Measures for the Introduction and Spread of *Xylella fastidiosa* - Olive Quick Decline Syndrome in NENA Countries"

Beside that I was acting:

- Coordinator of the Libyan side for the plant quarantine and plant protection working group of the Maghreb union (Libya, Algeria, Morocco, Tunisia and Mauritania) for the period 2000-2005.
- Coordinator of the Libyan side in the Libyan Tunisian joint research team for insect pest control (Fruit flies, Stem borer insect and potato tuber moth).
- Consultant in Plant Quarantine and Plant Protection within the NPPO in Libya.
- National consultant for the FAO- TCP/RAP/0165 on integrated plant production and protection in protected cultivation crops. (for the period December 2001-July 2003).

- National Coordinator, for the FAO project TCP/RAP/2902 on management of the peach fruit fly (*Bactrocera zonata*) in the Middle East and North Africa (for the period from December 2002-November 2004).
- Co-overall Coordinator of the Agricultural Research Center (ARC) - International Center for Agricultural Research in the Dry Areas (ICARDA) Collaborative Program for the period from November 2007- November 2008.
- A member in many national technical consultant committees.
- Supervision of 6 Msc student's thesis in different areas of plant protection Four student in Libyan University and one with Mediterranean Agronomic Institute (MIAB), CIHEAM, Bari – Italy.
- National Coordinator, for the IAEA TCP Regional Project RAF5061'Supporting Capacity Building and a Feasibility Study on Control of Fruit Flies of Economic Significance in West Africa'(2012-2014)

Referees:

1. Dr. Erik Busch-Petersen
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Publications:

1. Abukraa, H., Djelouah, K., Kafu A., Daden M.I and DOnghia A.M (2009). Moniting and Characterization of Citrus Tristeza Virus (CTV(in Libya. Fifth National Biotechnology Conference, Sobrata, 21-23/3/2009.
2. Abukraa, H., Djelouah, K. and Kafu A. (2009). Historical Review of *Citrus tristeza virurs* (CTV) in Libya. Options Mediterraneennes B n˚65, 2009 – Citrus Tristeza Virus and Toxoptera citricidus: a serious threat to the Mediterranean citrus industry. pp. 103-105.
3. Busch-Petersen, E. and Kafu, A. (1989a). Stability of two mass-reared genetic sexing strains of *Ceratitis capitata* (Diptera: Tephritidae) based on pupal colour dimorphisms. Environ. Entomol. 18:315 – 322.
4. Busch-Petersen, E. and Kafu, A. (1989b). Assessment of quality control parameters during mass rearing of a pupal colour genetic sexing of the Mediterranean fruit fly. Entomol. Exp. Appl. 51: 241-248.
5. Busch-Petersen, E., Ripfel, J., Pyrek, A. And Kafu, A. (1988). Isolation and mass rearing of a pupal genetic sexing strain of the Mediterranean fruit fly, Ceratitis capitata (Wied.), pp. 211-219. In IAEA (ed.): Modern methods of insect control: nuclear techniques and biotechnology. International Atomic Energy Agency, Vienna, Austria.

6. Dabaj, K. H., Kafu, A.A., Al-Khraz, A., and Mesbah, M. A. (2005). Effect of soil solarization on growth and production of cucumber *Cucumis sativus* L. and muskmelon *Cucumis melo* L. under green house conditions. Arab J. Pl. Protection 23: 24-30.
7. Kafu, Ali Amin; Mufida Ahmed Naji and Hassan Ahmed Maghrabi (2016) Effects of Egg Parasitoid *Chelonus phthorimaea* Gahanon Potato Tuber Moth *Phthorimaea operculella* Zeller. The Libyan Journal of Science: Volume 19A: 1- 9.
8. Kafu, A.A., Bin Zitown, A., Soul, I., and El-Bakkoush, F. Comparison between efficiency of some insecticides against citrus leafminer *Phyllocnistis citrella* Stainton. Journal of Lib. Agr. Res (accepted)
9. Kafu, Al., Baraka, M.M., Also;, E.M., Barbash, N., and Abou Mater, N. (2001). In vitro studies on potato tuber moth larvae *Phthorimaea opercullella* (Zeller) biocontrol by local a baculovirus) PTM-GV) Compared with *Beauvaria bassaina* and *Bacillus thuringiersis*. National Conference on Biotechnology, 21-24/4/2001 Tripoli, Libya
10. Kafu, A.A., Busch-Petersen E. and Wood R.J. (1993). Effects of contamination with wild-type males, virgin females or mated females, on the stability of the T:Y(wp^+)30C genetic sexing strain of *Ceratitis capitata* (Diptera : Tephritidae), Bull. Entomol. Res. 83:599-606.
11. Kafu, A.A., Busch-Petersen E. and Wood R.J. (1997). Radiation tolerance of males of the T:Y(wp^+)30C genetic sexing strain and the wild-type EgII strain of *Ceratitis capitata* (Wiedemann) (Diptera : Tephritidae). Proceeding of Congress on Insects in African Economy and Environment, the Joint Congress of the Entomological Society of Southern Africa and the African Association of Insect Scientists, 30 June – 4 July 1997, Stellenbosch, South Africa.
12. Kafu, A.A., Wood, R.J., Mani, G.S. and Busch-Petersen, E. (1993). Spontaneous recombination between wp^+ and the translocation breakpoint in the T:Y(wp^+)30C genetic sexing strain of *Ceratitis capitata* (Wied.). Heredity 71 : 104-109.
13. Nawal Abdussalam Mahfouod, Ali Amin Kafu and Hassan Ahmed Maghrabi (2016). Study of the Cannibalistic Cohorts Among the Various Life Stages of Confused Flour Beetle *Tribolium confusum* DuVal (Coleoptera: Tenebrionidae) Under Laboratory Conditions. The Libyan Journal of Science Volume 19A : 11 - 27
14. Nayem Hassan, Ramy Aljazzar, Ali A. Kafu; Khaled Djelouah; Shakir Alzaidi; Ahmed ElHeneidy and Aida Adel Badi (2014). Effect of Male and Female Attract & Kill Techniques for the Control of Peach Fruit Fly *Bactrocera zonata* (Saunders) in Egypt and Libya. The 9th International Symposium on Fruit Flies of Economic Importance, 12 – 16 May 2014, Bangkok, Thailand.
15. Savino, F., Cirio, U., Kafu, A. And Capparella, M. (1988). Valutazione sul comportamento riproduttivo di popolazion selvatiche e di laboratorio di *Ceratitis capitat* Wied.: Esperimenti in gabbioni. 15 Congresso Nazionale Italiano di Entomologia, L'Aquila, 13-17 June 1988. pp. 945-949.
16. Wood, R.J., Kafu, A.A., Rendon Arana, P.A., Busch-Petersen, E., Alocock, R.M., and Hallows, J.A . (1997). Genes and chromosome arrangements affecting sex ratio in the Mediterranean fruit fly, *Ceratitis capitata* (Wied.) pp. 45-55. In IAEA (ed.): Evaluation of Genetically Altered Medflies for Use In Sterile Insect Technique Programmes. International Atomic Energy Agency, Vienna, Austria.

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03/06/2017