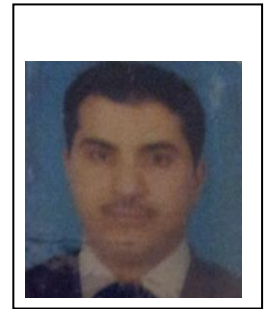


# Curriculum Vitae

- **Personal information**

- Name. Esam Elghadi
- Date of birth. 14/12/1974
- Nationality. Libyan
- Marital status. Married
- Contact No. + 218 928313192
- E-Mail. [Esam742002@yahoo.co.uk](mailto:Esam742002@yahoo.co.uk)



- **Education**

- PhD in the field of biological control for insects 2016, Biology school, Newcastle University, United Kingdom.
- MSc Agricultural sciences 2005, Faculty of Agriculture, University of Naples Federico II, Naples, Italy.
- B.Sc. Plant protection 1998, Department of plant protection, Faculty of Agriculture, Tripoli University, Tripoli/Libya.

- **Professional Experience**

- 2001 to Present. A researcher at Biotechnology Research Center (BTRC)
- 2001- 2006. Member of biological control group at BTRC
- 2019 to present the director of National Project for Integrated Fruit Flies Management at BTRC.
- 2020 – 2021. Project Coordinator of Supporting Control of Fruit Flies by Establishing a low Fruit Fly Prevalence Zone in Libya. Cooperation with International Atomic and Energy Agent. Project number: LIB5014

- **Research Interests**

(Integrated Pest Management, Biological Control, Sterile Insect Technique, Insect molecular biology, genetic sexing strain of fruit flies and botanicals).

- **Other skills**

- Languages. Arabic, English and limited Italian language.
- Technical Skills. (Insect, fungi and bacteria DNA extraction, PCR, Cloning, isolation and identification of entomopathogenic fungi from soil and infected insects and pheromones and trapping system).

# Curriculum Vitae

- **Training courses**

- Mass-rearing and quality control of genetic sexing strain of the Medfly *Ceratitis capitata*. Austria. 2018.
- Using the molecular and biology in the insect pests control's field, Naples-Italy. 2004-2005.
- Using the sex pheromones and attracts in the insect pests control's field, Syria 2002.
- Radiation prevention. Nuclear Research Center Tripoli, Libya 5-15-2001.

- **Demonstration History**

- Microbiology 1 (practical class) Newcastle University, UK. 2011 and 2012
- Entomology (practical class) Newcastle University, UK. 2011 and 2012
- Cell biology (practical class) Newcastle University, UK. 2012
- Bioinformatics Computer Practical. Newcastle University, UK. 2012
- Molecular Biology and Genomics Computer Practical. Newcastle University, UK. 2012
- Insect Taxonomy (practical class) Newcastle University, UK. 2011.

- **Memberships**

- International Organization for Biological and Integrated control.
- Integrated production, protection and biocontrol commission for North and African countries.

- **Conferences**

- Talks.  
Potential use of entomopathogenic fungi as a biological control against the greater melon fly *Dacus frontalis* (Becker). 10th International Symposium on Fruit Flies of Economic Importance Tapachula, Chiapas, Mexico April 23 – 27, 2018.
- Posters.  
1- A new biotechnological tool to produce transgenic insects of economic importance such as *Ceratitis capitata*, a well know agricultural pest. International Congress “Biotechnology Havana 2005 – For a sustainable food production” – Havana – Cuba, 27 Novembre-2 December 2005.

# Curriculum Vitae

Evaluation of the irrigation effect at the field capacity in controlling two species of fruit flies under the laboratory conditions. *In the sixth Biotechnology congress*, Mousrata. 21-23/ 4/2013.

## • Publications

- Use of Entomopathogenic Fungi for the Biological Control of the Greater Melon Fly *Dacus frontalis* in Libya. In e book. Perez-Staples, (2020). Area-Wide Management of Fruit Fly Pests. Boca Raton: CRC Press, <https://doi.org/10.1201/9780429355738>
- Influence of soil moisture, humidity, and temperature and application method on efficacy of a commercial strain of *Metarhizium anisoplae* against *Dacus frontalis* (Becker). (In reversion).
- Combined use of Met52® Granular biopesticide with two botanical products against *Dacus frontalis* (Becker). (In reversion).
- Survey for distribution and host range of the Greater melon fly *Dacus frontalis* (Becker) in Libya. *Eighth Arab Congress of Plant Protection*. El-Beida, Libya, pp. 22-E-23-E. 2003.
- Curbing the spread of the Fruit fly *Ceratitis capitata* (Wiedemann) in Libya using Partial vacuum. 2003. *Integrated Fruit flies management Symposium*, Tadjoura , Libya.
- A review study of the role of sex pheromones in the integrated fruit flies management. *Integrated Fruit flies management Symposium*, Tadjoura , Libya.
- Survey for distribution of the Greater melon fly, *Dacus frontalis* (Becker) in Eastern region of Libya. *Integrated Fruit flies management Symposium*, Tadjoura , Libya. 2003.
- Assessment of artificial diet from local resources for rearing larvae of the Mediterranean fruit fly, *Ceratitis capitata*.

## • Newsletter

- The Greater melon fly *Dacus frontalis* (Becker) and its management. Tripoli-Libya: *Biotechnology Research Center Newsletter*, pp. 1-40. 2003.
- pheromones for monitoring the Mediterranean fruit fly *Ceratitis capitata*. Tripoli-Libya: *Biotechnology Research Center* **3**. 2004.