

1.1- MARITAL STATUS

ALZUBIK BELKAIR SADEQ

Researcher at the Department of Microbiology, Biotechnology
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1.2- PROFESSIONAL CURRICULUM, FUNCTIONS PERFORMED-

2003-2013: Researcher at the Libyan Biotechnology Research Center (LBTRC) Tripoli, Libya.

(2015-2018) DOCTORATE in BIOLOGY from the doctoral school

**Sciences and Agrosiences (ED 536) University of Avignon and Pays de Vaucluse - National
Institute of Agronomic Research INRA "**

Avignon Center"

**Thesis title: Biological control by conservation in apple orchards: can spider communities be
manipulated to increase their effectiveness against certain pests?**

Defended on 13/12/2018

(2005 - 2011) Master II in Environmental Sciences

With honors

Academy of Higher Studies, Tripoli- Libya.

**Title of the Master thesis: Effect of moisture content, temperature and storage time on the
deterioration of peanut (cocoa) seeds**

Supervised by: Prof. Youssef Hamdi

Defended on 09/05/2011

(1997 - 2002) Master's degree (Bac+4) in

Agriculture Option: Plant Protection With honors

Faculty of Agriculture, University of Tripoli.

(1989 - 1992) Bachelor's degree, options. Tajoura High School, Tripoli, Libya

1.3- ADDITIONAL TRAINING

(2012): Training in "Use of Sterile Insect" Related Techniques for the Area- Wide Integrated Pest Management of Native and Exotic Insect Pest Mexico & Guatemala (1 month)

(2012): Training in "Fruit fly surveillance" Taxonomy & Identification in Cotonou Benin (3 days).

(2011): Intensive English Course "Colchester English Study Centre" in Colchester, England (6 months)

(2007): Training in "Pesticide residual analysis" in Liepzig, Germany (11 days)

(2005): Training in Trichogramma at Omar-Almukhtar University, Elbieda, Libya, (two weeks)

(2005: Intensive English Course. BTRC in Tripoli, Libya (3 months).

LANGUAGES

French: Level B1 and in the process of learning

Arabic: mother tongue

English: Advanced level

1.5- OTHER RESPONSIBILITIES

(2003): Member of the association "Plant protection". Tripoli, Libya.

(2003): Member of the association "Bio- control of fruit flies" Tripoli, Libya,

(2003): Member of the project "Apple stem borer study" Tripoli, Libya,

1.6-Published papers:

1. Third National Conference ,Infection percentage study of cucurbit fruits with *Dacus frontails* in west Libya and laboratory study of its host preference, Third national conference on biotechnology, 12-14/3/2005, Sabha, Libya.

2. Third National Conference, Laboratory Rearing of Great Cucurbit fruit fly (*Dacus frontalis* and its biological study). Third national conference on biotechnology, 12-14/3/2005, Sabha, Libya.

3. **The economic importance of the olive tree, Olive fly control by formens. First conference on olive tree. 22-23/2/2006, Bani-waled, Libya.**
4. **Sixth National Conference, Effect of environmental storage conditions on the deterioration of peanut seeds. sixte national conference on biotechnology, 2022/4/2013, Musrata Libya.**
5. **Temporal activity of spiders and earwigs during winter in apple trees under a Mediterranean climate. Biocontrol Science and Technology (2018).**
6. **Conference Natural Products & Biocontrol Release and monitoring of two spiders (*Cheiracanthium mildei* and *Clubiona* sp.) in an apple orchard and its effects on codling moth abundance. Perpignan, France (2018).**
7. **Controlling populations of the codling moth (*Cydia pomonella*): feasibility and efficacy of releasing two spider species (*Cheiracanthium mildei* and *Clubiona leucaspis*) in the winter (2025)**