

# Hatem Elhadi Omar Abukraa

**Agricultural Expert | Integrated Pest Management (IPM) Specialist**

## Contact:

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## Professional Summary

Highly qualified agricultural researcher and academic with extensive experience in **Integrated Pest Management (IPM)**, plant protection, and viral/bacterial disease diagnostics. Currently serving as the Head of the Plant Protection Department at the d

## Education

- **M.Sc. in Integrated Pest Management (2008):** Mediterranean Agronomic Institute (CIHEAM), Bari, Italy.
- **Advanced Diploma in IPM (2007):** CIHEAM, Bari, Italy.
- **B.Sc. in Agricultural Sciences (Plant Protection) (2000):** University of Tripoli, Libya.
- **Specialized Diploma in Computer Science (1999):** Higher Institute of Electronics.

## Professional Experience

- Libyan Biotechnology Research Center. Faculty Member – Fruit Fly IPM Project (2025)
- **Libyan Olive Tree Research Center:** Head of Plant Protection Department (2017–2024).
- **Libyan Center for Technical Research:** Faculty Member, Fruit Fly IPM Project (2025).
- **FAO & Ministry of Agriculture:** National Coordinator for Technical Cooperation Programs (2012–2014).
- **Agricultural Research Center (ARC):** Researcher, Plant Protection Department (2004–2017).
- **Academic Teaching:** Visiting Lecturer at the University of Tripoli, Al-Jabal Al-Gharbi University, and various Higher Technical Institutes (2008–2018).

## Key Committees & Leadership

- Liaison Officer for the **EU-funded Horizon Project (2024)**.
- Leader of the **Xylella fastidiosa Monitoring Team (Western Libya)**.

- Member of the Steering Committee for the **FAO-Libya** International Cooperation Agreement (2012–2014).
- Chairman of the proposal committee for establishing the **Libyan Citrus Center**.

## International Training & Workshops

- **Italy (Bari):** Innovation in Agriculture, *Xylella fastidiosa* detection, and Pesticide handling.
- **Spain (Valencia):** Red Palm Weevil management.
- **Tunisia:** Detection of *Xylella fastidiosa*, the cause of Olive Quick Decline Syndrome
- **Syria:** Serological diagnostics for viruses.
- **Malta& Egypt:** Gas Chromatography (GC) for pesticide analysis.

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## Publications & Research

1. **Abukraa, H., et al. (2025).** Biological study of the scale insect *Pollinia pollini* on olive trees in Western Libya. *Arab Journal of Plant Protection* (Scopus).
2. **Sherlala, S., Abukraa, H., et al. (2024).** Susceptibility of olive varieties to *Pollinia pollini*. *Misurata Journal of Agricultural Sciences*.
3. **Al-Mahjoub, M., Abukraa, H., et al. (2024).** Investigating citrus productivity decline in Western Libya. *Misurata Journal of Agricultural Sciences*.
4. **Al-Ghariani, O., Abukraa, H., et al. (2023).** National strategy to protect olive trees from *Xylella fastidiosa*. *Mahawir Journal*.
5. **Abukraa, H., et al. (2022).** Survey of viral diseases infecting cereal and legume crops in Libya. *Arab Journal of Plant Protection* (Scopus).
6. **Abukraa, H., et al. (2016).** Identification of potato viruses in Western Libya. *Journal of Basic and Applied Sciences*.
7. **Abukraa, H., et al. (2009).** Monitoring local isolates of *Citrus tristeza virus* (CTV). *5th National Biotechnology Conference*.
8. **Abukraa, H., Djelouah, K., & Kafu, A. (2009).** Historical review of *Citrus tristeza virus* (CTV) in Libya. *Options Méditerranéennes*.
9. **Al-Zintani, I., Abukraa, H., et al. (2000).** Efficacy of Consult pesticide against citrus leafminer. *Arab Plant Protection Conference*.

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<https://www.researchgate.net/profile/Hatem-Abukraa>

<https://scholar.google.com/citations?user=sT3WkNcAAAAJ&hl=ar>