

Dr Ikbal Chaieb

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Education

- . Habilitation of Agricultural Research (Specialty: Plant and Environment Protection), Higher Agronomic Institute of Chott Mariem 2019.
- . Doctorate in Agronomic Sciences, Specialty Plant and Environment Protection from the Higher Agronomic Institute of Chott Mariem, 2005.
- . Diploma of Advanced Studies in Plant and Environment Protection from the Higher Agronomic Institute of Chott Mariem, 2001.
- . Diploma of Engineer in Horticulture from the Higher Agronomic Institute of Chott Mariem, 1999.

Teaching

2018-2019: Course of Integrated pest management, Higher Agronomic Institute of Chott Mariem

2021-2022: Course of plant protection in Higher Institute of biotechnology of Monastir

Research

- Use of Biopesticides in insect biocontrol
- Botanical pesticide research and development
- Stored products and seed pest Management
- Greenhouse insects pest management,
- Pest management in organic agriculture.

Last 5 Years publications

Chaieb, I., Zarrad, K., Sellam, R., Tayeb, W., Hammouda, A. B., Laarif, A., & Bouhachem, S. (2018). Chemical composition and aphicidal potential of Citrus aurantium peel essential oils. *Entomologia Generalis*, 63-75.

Chaieb, I., Hamouda, A. B., Tayeb, W., Zarrad, K., Bouslema, T., & Laarif, A. (2018). The Tunisian Artemisia Essential Oils for Reducing Contamination of Stored Cereals by Tribolium castaneum. *Food Technology and Biotechnology*, 56, 2.

Rguez, S., Msaada, K., Daami-Remadi, M., **Chaieb, I.**, Bettaieb Rebey, I., Hammami, M., & Hamrouni-Sellami, I. (2018). Chemical composition and biological activities of essential oils of Salvia officinalis aerial parts as affected by diurnal variations. *Plant Biosystems-An International Journal Dealing with all Aspects of Plant Biology*, 1-9.

S, Rguez, K, Msaada, M, Hammami, M, Daami Remadi, **I,Chaieb**, Riadh Ksouri, Ibtissem Hamrouni 2018, Diurnal variation of the chemical composition and its repercussion on the biological activity polyphenolics of Salvia officinalis aerial parts. *International journal of plant science and horticulture*, 1,1:7-21

- Jeder H., A. Laarif, **I. Chaieb** et Faten Ksouri 2018 Farmers' risk perceptions of pesticides used for greenhouses vegetables production in Tunisian Center-East, Newmed.
- Chaieb I.**, & Pavela, R. (2019). Essential oils as active ingredients of botanical insecticides against aphids. *Journal of Pest Science*, 1-16. DOI: 10.1007/s10340-019-01089-6
- El Mokni, R., Majdoub, S., **Chaieb, I.**, Jlassi, I., Joshi, R. K., & Hammami, S. (2019). Chromatographic Analysis, Antimicrobial and Insecticidal Activities of the Essential Oil of *Phlomis floccosa* D. Don. *Biomedical Chromatography*, DOI: 10.1002/bmc.4603
- Bnina, E. B., Hajlaoui, H., **Chaieb, I.**, Said, M. B., & Jannet, H. B. (2019). Chemical composition, antimicrobial and insecticidal activities of the tunisian Citrus aurantium essential oils. *Czech Journal of Food Sciences*, 37(2), 81-92.
- Bousslama, T., Laarif, A., Soltani, A., **Chaieb, I.**, Amri, L., and Rhouma, A. 2019. Screening chickpea lines and varieties for a possible resistance or tolerance to the pod borer *Helicoverpa armigera*. *Tunisian Journal of Plant Protection* 14 (1): 69-81.
- Bousslama, T., **Chaieb, I.**, Jerbi-Elayed, M., & Laarif, A. (2019). Observations of some biological characteristics of *Helicoverpa armigera* reared under controlled conditions. *Tunisian Journal of Plant Protection*, 14(2), 17-27.
- Mustapha, M. B., Zardi-Bergaoui, A., **Chaieb, I.**, Flamini, G., Ascriczzi, R., & Jannet, H. B. (2020). Chemical Composition and Insecticidal Activity of *Crithmum Maritimum* L. Essential Oil against Stored-Product Beetle *Tribolium Castaneum*. *Chemistry & Biodiversity*, 17(3), e1900552.
- Debbabi, H., Mokni, R. E., **Chaieb, I.**, Nardoni, S., Maggi, F., Caprioli, G., & Hammami, S. (2020). Chemical Composition, Antifungal and Insecticidal Activities of the Essential Oils from Tunisian *Clinopodium nepeta* subsp. *nepeta* and *Clinopodium nepeta* subsp. *glandulosum*. *Molecules*, 25(9), 2137.
- Hamouda, A. B., Bnina, E. B., **Chaieb, I.**, Laarif, A., & Jannet, H. B. (2020). Cyclic and acyclic alcohols: a structure-activity relationship study correlation between insecticidal activity and chemical structure. *International Journal of Tropical Insect Science*, 1-8.
- Bousslama, T., **Chaieb, I.**, Rhouma, A., & Laarif, A. (2020). Evaluation of a *Bacillus thuringiensis* isolate-based formulation against the pod borer, *Helicoverpa armigera* Hübner (Lepidoptera: Noctuidae). *Egyptian Journal of Biological Pest Control*, 30(1), 1-7.
- Baccari, W., Znati, M., Zardi-Bergaoui, A., **Chaieb, I.**, Flamini, G., Ascriczzi, R., & Jannet, H. B. (2020). Composition and insecticide potential against *Tribolium castaneum* of the fractionated essential oil from the flowers of the Tunisian endemic plant *Ferula tunetana* Pomel ex Batt. *Industrial Crops and Products*, 143, 111888.
- Hamouda, A. B., Bnina, E. B., **Chaieb, I.**, Laarif, A., & Jannet, H. B. (2021). Cyclic and acyclic alcohols: a structure-activity relationship study correlation between insecticidal activity and chemical structure. *International Journal of Tropical Insect Science*, 41(2), 961-968.
- Majdoub, S., Chaabane-Banaoues, R., Mokni, R. E., **Chaieb, I.**, Piras, A., Falconieri, D., ... & Hammami, S. (2021). Seasonal Variation in the Chemical Profile, Antifungal and Insecticidal Activities of Essential Oils from *Daucus reboudii*. *Waste and Biomass Valorization*, 1-13.
- Jerbi, M., Hamouda, A. B., Hamdi, F., Laarif, A., & Chaieb, I. Evaluation of repellent activity and toxicity of three essential oils against *Tribolium castaneum* (Herbst)(Coleoptera: Tenebrionidae) using a mixture design. *International Journal of Entomology Research* 6 (3), 69-75
- Khaled-Gasmi, W., Hamouda, A. B., **Chaieb, I.**, Souissi, R., Ascriczzi, R., Flamini, G., & Boukhris-Bouhachem, S. (2021). Natural repellents based on three botanical species essential oils

as an eco-friendly approach against aphids. *South African Journal of Botany*, 141, 133-141.

Debbabi, H., El Mokni, R., Nardoni, S., **Chaieb, I.**, Maggi, F., Nzekoue, F. K., ... & Hammami, S. (2021). Chemical diversity and biological activities of essential oils from native populations of *Clinopodium menthifolium* subsp. *ascendens* (Jord.) Govaerts. *Environmental Science and Pollution Research*, 28(11), 13624-13633.