Dr. Hanène Chaabane-Boujnah

Associate-Professor in Pesticide Sciences (Phytopharmacy)

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Education

- Engineer (2001), INAT, University of Carthage, Tunis, Tunisia, (Plant Protection)
- Master's Degree (2002), ENSAIA, National Polytechnic Institute of Lorraine, France, (Agronomic Sciences)
- Ph-D (2005), Faculty of Exact and Experimental Sciences, University of Perpignan, France (Agrochemistry)

Teaching

- Pesticide sciences
- Classification of active ingredients
- Environmental behaviour of pesticides
- Side effects of pesticides on health and biodiversity
- Resistance of pests towards pesticides: insecticides, fungicides and herbicides

Research

- Pesticide residue in fruits and vegetables
- Developing and validation of analytical methods
- Calculation and use of indicators to estimate environment contamination by pesticides
- Environmental profile of some active ingredients largely used under Tunisian conditions

Last 5 Year Publications

Scientific Book

- Bouagga, A. et Chaabane, H. Pesticide residues in oranges and calculation of risk indicators towards environment and health (Résidus de pesticides dans les oranges et Calcul des indices de risque Santé / Environnement selon l'IREPeQ (2015). Editions Universitaires Européennes, 110p).

Scientific Articles

- Asma Ben Salem, Sarbine Azouzi, Amira Mougou, Rachid Salghi, Hanène Chaabane et Sami Fattouch. Isolation screening and biochemical characterisation of bacterial strains degrading the insecticide dimethoate and chlorpyrifos from an agricultural soil (2016). Journal of New Sciences. Vol. 33 (3), p. 1901-1909.

- Imen Farhat, <u>Hanène Chaabane</u>, Ala Bouagga,, Rania Khemiri, Mohamed Hammami, Abdelbaki Labidi, Mohamed Cherif et Bouzid Nasraoui. Pesticide residues surveillance and anomalies monitoring of 'Maltaise demi sanguine' (*Citrus sinensis* L.) oranges in packinghouses (2016). Journal of New Sciences. Vol. 32 (1), p. 1846-1852.

- Ala Bouagga, <u>Hanène Chaabane</u>, Hassouna Bahrouni, et Khaled Hassine. The use of IRPeQ model as indicator to estimate the risk of some pesticides on human health and environment (2016). Tunisian Journal of Plant Protection (TJPP). Vol. 11 (1), p. 133-141.

- Messaad Khammassi, Hanène Chaabane, Anis Bousselmi, Naima Belbahri et Thouraya Souissi. 2016. Rigid Ryegrass (*Lolium rigidum*) Abundance in Tunisian Northern Cereal Fields and its Susceptibility to Selected Inhibitors of Acetyl Coenzyme A Carboxylase (ACCase) and Acetolactate Synthase (ALS). Tunisian Journal of Plant Protection 11, 105-115.

- M. Khammassi, H. Chaabane, N. Belbahri, A. Dridi, T. Souissi. 2016. Effet des pratiques culturales sur l'apparition de la résistance aux herbicides inhibiteurs de l'ACCase et de l'ALS chez le ray-grass annuel (*Lolium rigidum* L.). Journal of New Sciences (JNS) 31(1), 1725-1735.

- Synda Boulahia-Kheder, <u>Hanène Chaabane-Boujnah</u>, Monia Bouratbine and Salah Rezgui. IPM based on mass trapping systems: a control solution for Ceratitis capitata (Wiedemann, 1824) (Diptera: Tephritidae) in organic citrus orchard of Tunisia (2015). Research Journal of Agriculture and Environmental Management. Vol. 4(10), p. 459-469.

- Messaâd Khammassi, Thouraya Souissi, Hanene Chaabane, Naima Belbahri, Anis Bousselmi et Halim Belhaj Salah (2013). Évaluation de l'efficacité des antigraminées sur des populations de ray-grass au nord de la Tunisie. AFPP – 22e Conférence du COLUMA. Journées internationales sur la lutte contre les mauvaises herbes Dijon – 10, 11 et 12 décembre 2013.