

Curriculum Vitae

Name and surname: ENNAJEH Mustapha

Date of birth: 01/10/1978

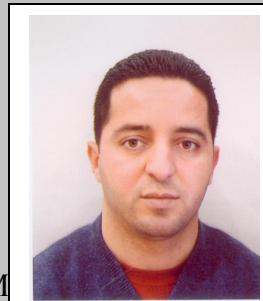
Marital status: Single

Address: Faculty of Sciences of Gabès, University of Gabès
Cité Erriadh-Zrig, 6072 Gabès, Tunisia

Present address: Groupe de Recherche en Physiologie végétale
GRPV, Earth and Life Institute, Université Catholique de Louvain
5 (Bte 13) Place Croix du Sud, 1348 Louvain-la-Neuve, BELGIUM

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- 2011-2012** **Post-Doctoral studies III** (Scholarship: Islamic Development Bank)
From 01/05/2011 to 30/04/2012
Earth and Life Institute–Agronomy/Université Catholique de Louvain/Belgium
Supervisor : Pr. Stanley LUTTS
Theme : “Embolism, hormonal balance and stress-induced genes in tomato (*Solanum lycopersicum* L.) exposed to salinity and water deficit”
- 2010** **Post-Doctoral studies II** (Scholarship: ENI-Tunisia/Fondazione Alma Mater-Italy)
From 10/05/2010 to 10/10/2010
Dép. des Sci. de la Vie/Faculté des Sciences de Gabès/Université de Gabès
Theme : “Biodiversity and hydrology of the site of Beni Ghedir, Tataouine, Tunisia”
- 2009** **Post-Doctoral studies I** (Scholarship : *Agence Universitaire de la Francophonie*)
From 01/02/2009 to 30/04/ 2009
PIAF-UMR-INRA, Clermont-Ferrand, France
Supervisor : Dr. Hervé COCHARD
Theme : “Xylem cavitation measurement : Improvement to the air-injection technique”

Education

- 2003.2008** **Doctorate**
Date of award: 13/12/2008
University Tunis El Manar/Faculty of Sciences of Tunis/Tunisia
Speciality: Biology (Plant Ecophysiology)
Mention: Honourable
Theme: “Defense mechanisms against water deficit in olive tree”

2001.2003 Master

Date of award: 05/12/2003

University Tunis El Manar/Faculty of Sciences of Tunis/Tunisia

Speciality: Plant Ecophysiology

Mention: Excellent

Theme: "Water relations and photosynthetic traits of two olive cultivars subjected to water deficit"

1997.2001 Licence in Natural Sciences

Date of award: 23/07/2001

University of Sfax/Faculty of Sciences of Gabès/Tunisia

Mention: Good

1996.1997 High School Graduation Diploma

Publications

Articles (in journals with peer review)

T. TOUNEKTI, A.M. VADEL, M. ENNAJEH, H. KHEMIRA, S. MUNNÉ-BOSCH (2011) Ionic interactions and salinity affect monoterpene and phenolic diterpene composition in rosemary (*Rosmarinus officinalis* L.). *Journal of Plant Nutrition and Soil Science*. 000:1–11 doi: 10.1002/jpln.201000213

M. ENNAJEH, H. COCHARD, F. SIMÕES, H. KHEMIRA (2011) How reliable is the double-ended pressure sleeve technique for assessing xylem vulnerability to cavitation in woody Angiosperms? *Physiologia Plantarum*. 142:205-210, doi:10.1111/j.1399-3054.2011.01470.x

M. ENNAJEH, M. NOURI, H. KHEMIRA, H. COCHARD (2011) Improvement to the air-injection technique to estimate xylem vulnerability to cavitation. *Trees, Structure and Function*. 25:705-710, DOI 10.1007/s00468-011-0548-8

M. GORAI, M. ENNAJEH, J. SONG, HABIB KHEMIRA, M. NEFFATI (2011) Changes in leaf gas exchange, water relations, biomass production and solute accumulation in *Phragmites australis* under hypoxic conditions. *Acta Ecologica Sinica*. 31:97-102. doi:10.1016/j.chnaes.2010.12.003

M. ENNAJEH, H. COCHARD and H. KHEMIRA (2010) Re-introduction success of an autochthonous species *Periploca angustifolia* in the Natural Reserve of Oued Dekouk, Tunisia. *Spanish Journal of Agricultural Research*. 8 (4) 1005-1011.

M. GORAI, M. ENNAJEH, H. KHEMIRA and M. NEFFATI (2010) Influence of NaCl-salinity on growth, photosynthesis, water relations and solute accumulation in *Phragmites australis*. *Acta Physiologia Plantarum*. DOI 10.1007/s11738-010-0628-1

H. COCHARD, S. HERBETTE, T. BARIGAH, M. ENNAJEH, A. VILAGROSA (2010) Does sample length influence the shape of xylem embolism vulnerability curves? A test with the Cavitron spinning technique. *Plant, Cell and Environment*. 33:1543-1552. DOI: 10.1111/j.1365-3040.2010.02163.x

M. ENNAJEH, A. M. VADEL and H. KHEMIRA (2010) Comparative impacts of water stress on leaf anatomy of drought-resistant and drought-sensitive olive cultivars. *Journal of Horticultural Science and Biotechnology*. 85 (4) 289-294.

M. GORAI, M. ENNAJEH, H. KHEMIRA and M. NEFFATI (2009) Combined effect of NaCl-salinity and hypoxia on growth, photosynthesis, water relations and solute accumulation in *Phragmites australis* plants. *Flora*. 205 (7) 462-470. doi:10.1016/j.flora.2009.12.021

M. ENNAJEH, A. M. VADEL and H. KHEMIRA (2009) Osmoregulation and osmoprotection in the leaf cells of two olive cultivars subjected to severe water deficit. *Acta Physiologiae Plantarum*. 31:711-721. doi:10.1007/s11738-009-0283-6

M. ENNAJEH, T. TOUNEKTI, A. M. VADEL, H. KHEMIRA and H. COCHARD (2008) Water relations and drought-induced embolism in two olive (*Olea europaea* L.) varieties 'Meski' and 'Chemlali' under severe drought conditions. *Tree Physiology*. 28 (6) 971-976.

M. ENNAJEH, A. M. VADEL, H. KHEMIRA, M. BEN MIMOUN and R. HELLALI (2006) Defense mechanisms against water deficit in two olive (*Olea europaea* L.) cultivars 'Meski' and 'Chemlali'. *Journal of Horticultural Science and Biotechnology*. 81 (1) 99-104.

Proceedings of symposia

M. ENNAJEH, A. M. VADEL and H. KHEMIRA (2009) Osmoregulation and antioxidation in the leaf cells of two olive cultivars subjected to severe water deficit. Proceedings of the Third International Seminar; OLIVEBIOTEQ 2009 « Pour un secteur oléicole rénové, rentable et compétitif en Méditerranée ». December 15-19, 2009, Sfax, Tunisia. (S4-P9)

M. ENNAJEH, H. COCHARD, A.M. VADEL and H. KHEMIRA (2006) Hydraulic traits of olive cultivars subjected to water deficit. Eds. T. Caruso, A. Motisi and L. Sebastiani : Proceedings of the Second International Seminar/OLIVEBIOTEQ 2006 « Biotechnology and Quality of Olive Tree Products Around the Mediterranean Bassin ». November 5-10, 2006, Marsala-Mazara Del Vallo, Italy. Vol. 1, p : 481-484.

M. ENNAJEH, R. BOUHLAL, M. Ben Mimoun, a. VADEL, H. KHEMIRA, R. HELLALI and K. LATIRI (2003) Stmatal density and photosynthetic assimilation of ten olive cultivars. Ed. E. Stefanoudaki : *Proceedings of the International Symposium on Olive Tree and the Environment*. October 1-3, 2003, MAICH-Chania, Crete, Greece. p :42-47.

Congress and Seminars (Abstracts)

M. ENNAJEH, A. M. VADEL and H. KHEMIRA. (2008). Drought olive leaf morpho-anatomical adaptations. 7^{èmes} Journées Biotechnologiques de l'ATBT. December 15-18, 2008. Hammamet, Tunisia. BVP41. p : 85.

M. ENNAJEH, T. TOUNEKTI, A. M. VADEL, H. KHEMIRA and H. COCHARD. (2008). Water relations and drought-induced embolism in two olive (*Olea europaea* L.) varieties 'Meski' and 'Chemlali' under severe drought conditions. 18^{èmes} Journées Nationales de Biologie de la SSNT. November 6-9, 2008. Yasmine Hammamet, Tunisia. p : 58.

M. ENNAJEH, A.M. VADEL and H. KHEMIRA. 2008. Leaf responses to water deficit in two olive cultivars: membrane integrity and antioxidant activity. Ed. Hammadi AYADI ; Proceedings of the International Symposium on Biotechnology. May 4-8, 2008, Sfax, Tunisia. PC142 S3.

M. ENNAJEH, H., A. VADEL et H. KHEMIRA. (2006). Gas exchange characteristics of ten olive cultivars. 17^{èmes} Journées Biologiques de l'ATSB. March 20-23, 2006, Yasmine Hammamet, Tunisia. p : 233.

M. ENNAJEH, H., A. VADEL et H. KHEMIRA. (2005). Identification d'un marqueur biochimique pour la sélection des variétés d'olivier résistantes à la sécheresse. Les 16^{èmes} Journées Biologiques de l'ATSB. March 20-23, 2005, Yasmine Hammamet, Tunisia. p : 187.

Stage & Training

Research

- Workshop : “Risk Assessment of Contaminated Sites”
From January 02 to 06, 2011 ; Sfax, Tunisia
Laboratoire Eau-Environnement-Energie/ENIS/Tunisie
- Training Cycle : Microsoft Access Level 2
From December 20 to 23, 2010
CRRRA-Sidi Bouzid/EFIG/Sfax/Tunisie
- National Colloque: « Amélioration de la productivité de l'olivier et des arbres fruitiers »
Institut de l'Olivier/Tunisia
November 27, 2008
- Training stage: from July 03 to 17, 2007
Aristotle University of Thessaloniki/School of Agriculture/Department of Horticulture
Thessaloniki, Greece
Supervisors: Pr. Vasilakakis MILTIADIS
Theme: “Extraction and determination of the activity of some antioxidant enzymes (SOD, POD, APX, CAT, Gr)”
- Training stage: from June 15 to July 05, 2005
PIAF UMR-INRA, Clermont-Ferrand, France
Supervisors: Dr. Hervé COCHARD
Theme: “Techniques for the Study of hydraulic architecture of tree”
- The 4th Symposium of Biotechnology ATBiotech.
Hammamet/Tunisia
From December 19 to 22, 2004
- Practice Course of Bioinformatics: from May 31 to June 05, 2005
University of Sfax/Faculty of Medicine of Sfax/Tunisia.

Professional

- Educational seminars and workshops
Higher School of Sciences and Techniques of Health of Sfax/University of Sfax/ Tunisia
+ On January 24, 2008: - Providing a conference or briefing
- The motivation of students: concept and dynamic
+ On February 14, 2008: - Making an oral communication and poster

- Chairing effectively a session of congress
- Day of training new teachers at the University of Gabès
Theme: “About Pedagogy in Higher Education”
Higher Institute of Industrial Systems of Gabès/University of Gabès
May 18, 2007
- Supervision: PFE of License of Management of Bioressources
Higher Institute of Applied Biology of Medenine/University of Gabès
2006/2007

Professional experience

2003-2012 University Assistant
Specialty: Biology
University of Gabès / Tunisia
Teaching following modules:

- Cell Biology
- Biochemistry
- Plant Biology
- Plant Physiology