

Dr. Ali Rhouma

Plant Bacteriologist



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Education

- Engineer (1992), INAT, University of Carthage, Tunis, Tunisia, (Plant Production)
- Specialized Engineer (1995), INAT, University of Carthage, Tunis, Tunisia (Plant Protection)
- European Master Engineering and Environment Management (1997), Polytechnic school of Lausanne – Switzerland
- State Doctorate (2006), University Calude Bernard/INAT (Plant Bacteriology)
- Habilitation to Supervise Research (2010) in Plant Pathology

Research

- Identification of plant pathogenic bacteria
- Morphological and molecular characterization of plant pathogenic bacteria
- Genetic diversity of plant pathogenic bacteria and plant pathogenic fungi
- Biological control
- Susceptibility of plant hosts

Last 5 Year Publications

Scientific Articles

1. Abdellatif E., Kaluzna M., Helali F. and **Rhouma A.**, 2016. First report of citrus bacterial blast and citrus black pit caused by *Pseudomonas syringae* pv. *syringae* in Tunisia NDR 2015, 32, 35
2. Chettaoui, Raya , Bouri M. Msallem et **Rhouma A.**, 2016. Characterization of a *Colletotrichum* population causing anthracnose disease on Olive in northern Tunisia. Journal of Applied Microbiology 120(5), 1368-1381.
3. Ouerghi F., **Rhouma A.**, Aloui S., Rassaa N., Hennachi I. & Nasraoui B., 2016. Histological characterization of resistance and some alternative control for leaf spot disease in olive tree. Journal of New Sciences 27 (6): 1498-1506.
4. Ouerghi F., **Rhouma A.**, Rassaa N., Hennachi I. & Nasraoui B., 2016. Factors affecting resistance of two olive cultivars to leaf spot disease in the North-West of Tunisia. European Journal of Advanced Research in Biological and Life Sciences 4 (1): 39-51.

5. Triki, M.A., Krid HadjTaieb, S., Cheffi, M., Gharbi, Y., **Rhouma, A.**, 2015. First report of dieback of olive trees caused by *Neofusicoccum Australe* in Tunisia. Journal of Plant Pathology 97(1) 212..
6. **Rhouma A.**, Hellali F., Chettaoui M., Hajouji M. and Hajlaoui MR., 2014. First Report of Fire Blight Caused by *Erwinia amylovora* on Pear in Tunisia. Plant disease, V98, 1, 158.
7. Chebil, R. Fersi, A. Yakoub, S. Chenenaoui, M. Chattaoui, I. Melki, H. Zemni, **A. Rhouma**, G. Durante, E. Zacchi, and A. Mliki. 2014. First Report of *Botryosphaeria dothidea*, *Diplodia seriata*, and *Neofusicoccum luteum* Associated with Canker and Dieback of Grapevines in Tunisia. Plant disease, V98, 3, 420.
8. **Rhouma A.**, M. Chettaoui, S. Krid & H. Elbsir, 2013. Evaluation of susceptibility of an olive progeny (Picholine x Meski) to olive leaf spot disease caused by *Fusicladium oleagineum*. European Journal of Plant Pathology, (2013) 135:23-33.
9. Chebil S., Fersi R., Abdellatif E., Zacchi E., **Rhouma A.**, and Mliki A., 2013. Occurrence of *Agrobacterium vitis* Carrying Two Opine-Type Plasmids in Tunisian Vineyards. Plant Pathology and Microbiology 4(5),
10. Chettaoui M., **Rhouma A.**, Msallem., Moral J., Perez and Trapero A., 2012. First Report of *Botryosphaeria obtusa* as Causal Agent of Olive Tree Branch Dieback in Tunisia. Plant disease 96, 6, 905
11. Hammami I., Jaouadi B., Bacha A., Rebai A., Bejar S., Nesme X., and **Rhouma A.** 2012. *Bacillus subtilis* BacteriocinBac 14B with a Broad Inhibitory spectrum: Purification, Amino Acid Sequence Analysis, and Physicochemical Characterization. Biotechnology and Bioprocess Engineering 17: 41-49.
12. Blibech I., Ksantini M., Chaieb I, Jlassi B., **Rhouma A.**, Jaoua S., Aifa S. 2012. Isolation of entomopathogenic Bacillus from a biodynamic olive farm and their pathogenicity to lepidopteran and coleopteran insect pests. Biological control. Crop Protection 31 (2012) 72-77
