

Dr. Bouzid Nasraoui

Professor in Plant Mycology

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Education

- Post-Doc (2001/02), Department of Soil Sciences / University of Missouri-Columbia / Missouri, USA (Plant Pathology)
- State Doctorate (1992), Agronomic Faculty of Gembloux, University of Liege, Belgium (Plant Pathology)
- Advanced Study Diploma (1984), Faculty of Science, University of Manar, Tunis, Tunisia (Plant Physiology)
- Specialized Engineer (1983), INAT, University of Carthage, Tunis, Tunisia (Crop Protection)
- Engineer (1980), INAT, University of Carthage, Tunis, Tunisia, (Crop Production)

Teaching

- Pathogenic fungi (biology, systematic)
- Fungal diseases
- Plant-fungus interaction
- Integrated fungal disease management

Research

- Identification of plant fungal pathogens
- Morphological and molecular characterization of plant pathogenic fungi
- Studies of fungal diseases of field crop (cereals and legumes: wheat, barley, chickpea, pea and faba bean)
- Chemical control of field crop fungal diseases
- Integrated fungal disease management

Last 5 Year Publications

110 Tissaoui S., Benyoussef N.O., Chaar H., Hassine M., Venisse J.S., **Nasraoui B.** & Hamdane A.M. 2023. Progression of wheat tan spot under different bioclimatic stages and agricultural practices. *Plant Protect. Sci.*, 59 (3): 233-244. (<https://doi.org/10.17221/103/2022-PPS>) (**CZECH**)

- 109)** Taycir Grati Affes, Salma Lasram, Hammami Majdi, Walid Yeddes, Wissem Aidi Wannes¹, Saber Khammassi, Nehla Labidi Ben Hmida, **Bouzid Nasraoui** & Moufida Saidani Tounsi, 2022. In vitro antifungal potential of peel essential oils from different Citrus species on *Alternaria alternata*. Trends Phytochem. Res. 6(3): 214-223. (doi: 10.30495/tpr.2022.1959195.1258) (**IRAN**)
- 108)** Grati-Affes T., Lasram S., Hammami M., Yeddes W., Aidi-Wannes W., Khammassi S., Nasraoui B., Saidani-Tounsi M. & Labidi-Ben Hmid N., 2022. A comparative assessment of antifungal activity of essential oils of five medicinal plants from Tunisia. International Journal of Plant Based Pharmaceuticals, 2 (2): 220-227. (doi: <https://doi.org/10.29228/ijpbp.4>) (**TURKEY**)
- 107)** Tissaoui S., Hassine M., Mougou-Hamdane A., Ben Araar A., Nasraoui R. & **Nasraoui B.**, 2022. Varietal screening of durum wheat varieties for resistance to *Pyrenophora tritici-repentis* (Tan Spot) under field conditions. BioMed Research International, Article ID 6433577, 12 pp. (<https://doi.org/10.1155/2022/6433577>) (**UK**)
- 106)** Grati-Affesa T. Chenaoui S., Zemni H, Hammami M., Bachkouel S., Aidi-Wannes W., **Nasraoui B.**, Saidani-Tounsi M. & Lasram S., 2022: Biological control of Citrus brown spot pathogen, *Alternaria alternata*, by different essential oils. International Journal of Environmental Health Research, 14 pp. (<https://doi.org/10.1080/09603123.2022.2055748>) (**UK**)
- 105)** Tissaoui S., Hassine M., Mougou-Hamdane A. & **Nasraoui B.**, 2022: Geographical distribution of tan spot severity on durum wheat. Asian Journal of Research in Biosciences, 4 (1): 39-47. (<https://globalpresshub.com/index.php/AJORIB/article/view/1412/1183>) (**INDIA**)
- 104)** Tissaoui S., Mougou-Hamdane A., Omri-Benyoussef N. & **Nasraoui B.**, 2021: Variability of *Pyrenophora tritici-repentis* isolated from different wheat areas of Tunisia: Morphocultural characterization, pathogenic analysis and virulence effector genes. Archives of Phytopathology and Plant Protection, 19 pp. (<https://doi.org/10.1080/03235408.2021.1991127>) (**UK**)
- 103)** **Nasraoui B.**, 2020: Red palm weevil (*Rhynchophorus ferrugineus*): Guidance toward a simple and low-cost control program (Special Extension Article). Flehetna (<http://flehetna.com>), January 2021, Tunisia, 12 pp. (https://drive.google.com/file/d/1pMZxj4J_1ExwQWJdyljQ0PV6n05iHLQh/view)
- 102)** Mannai S., Jabnoun-Khiareddine H., **Nasraoui B.**, & Daami-Remadi M., 2020: Biocontrol of Pythium damping-off on pepper (*Capsicum annuum*) with selected fungal and rhizobacterial agents. Int. J. Phytopathol. 09 (01): 29-42. (DOI: 10.33687/phytopath.009.01.3083) (**PAKISTAN**)
- 101)** Kaddes A., Fauconnier M.L., Sassi K., Berhal C., Nasraoui B., & Jijakli M.H., 2020 : Efficacité des composés organiques volatils fongiques (synthèse bibliographique), [**Efficacy of fungi Volatile Organic Compounds (A review)**]. Biotechnol. Agron. Soc. Environ., 24: 81-98. (**BELGIUM**)
- 100)** Farhat I., Hammami M., Cherif M. & Nasraoui B., 2020: Chemometric analysis of geographic origins and compositions of Citrus sinensis (L.) Osbeck var ‘Maltaise demi sanguine’ essential oil, Journal of Essential Oil Research, 12 pp. (doi:10.1080/10412905.2020.1733110) (**UK**)
- 99)** Dhaouadi S., Rouissi W., Mougou-Hamdane A. & **Nasraoui B.**, 2019: Evaluation of biocontrol potential of *Achromobacter xylosoxidans* against Fusarium wilt of melon. Eur. J. Plant Pathol. 154:179-188. (doi.org/10.1007/s10658-018-01646-2) (**SWITZERLAND**)
- 98)** Kaddes A., Marie-Laure Fauconnier M.L., Sassi K., **Nasraoui B.** & Jijakli M.H., 2019: Antifungal properties of two volatile organic compounds on barley pathogens and introduction to their mechanism of action. International Journal of Environmental Research and Public Health 16, 2866, 14 pp. (doi:10.3390/ijerph16162866) (**SWITZERLAND**)

97) Kaddes A., Fauconnier M.L., Sassi K., **Nasraoui B.** & Jijakli M.H., 2019: Endophytic fungal volatile compounds as solution for sustainable agriculture. *Molecules*. 24, 1065, 16 pp. (doi:10.3390/molecules24061065) (**SWITZERLAND**)

96) Chekali S., Gargouri S., Ben Hammouda M., Cheikh M'hamed H. & **Nasraoui B.** & 2019: Incidence of Fusarium foot and root rot of cereals under conservation agriculture in north west Tunisia. *Phytopathologia Mediterranea* 58(1): 95-102. (doi:10.13128/Phytopathol_Medi terr-21901) (**ITALY**)

95) Bouagga A., Chaabane H., Toumi K., A. Mougou-Hamdane A., **Nasraoui B.** & Joly L., 2019: Pesticide residues in Tunisian table grapes and associated risk for consumer's health, *Food Additives & Contaminants: Part B*, 11 pp. (DOI: 10.1080/19393210.2019.1571532) (**UK**)

94) Bouagga A., Chtioui W., **Nasraoui B.** & Chaabane H., 2019 : Diagnostic de la gestion phytosanitaire et des pratiques des vigneron au nord de la Tunisie. [Pest management knowledge and practices of grapevine farmers in northern of Tunisia]. *Journal of New Sciences, Agriculture and Biotechnology*, 67 (2): 4191-4197.
