

CURRICULUM VITAE

PERSONAL DATA

Name	Mokhtar Saeed Rejili
Nationality	Tunisian
Position	Assistant Professor
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EDUCATION

Year	Academic Degree	Institution
2004 – 2010	Doctor of Philosophy (PhD)	University of Tunis El Manar, Tunisia, in collaboration with, El Zaidin Experimental Station, Spain
2002 – 2004	Magister Scientia (MSc)	University of Tunis El Manar, Tunisia
1998- 2002	Bachelor of Science (BSc)	University of Sfax, Tunisia
1997 – 1998	Baccalaureat	College 7 November 1987

WORK EXPERIENCE

Period	Position	Address
June 2022 – Present	Associate Professor	Faculty of Sciences, University of Gabes-Tunisia
Since August 2022	Assistant Professor	College of Sciences, Imam Mohammad Ibn Saud Islamic University
10/2010 to 06/ 2022	Assistant Professor	Faculty of Sciences, University of Gabes-Tunisia
06/2017 to 09/2018	Post-doctoral Researcher	LMU University, Munich, Germany
09/2014 to 09/2015	Post-doctoral Researcher	University of Geneva, Switzerland

11/2013 to 08/2015	Post-doctoral Researcher	University of Minho, Portugal
12/2011 to 09/2012	Post-doctoral Researcher	University of Delaware, Delaware Biotechnology Institute, USA
06/2011 to 08/2011	Post-doctoral Researcher	Plant Biotechnology and Genomic Center, Madrid-spain
12/2010 to 01/2011	Post-doctoral Researcher	U.D. Forestal Pathology E.T.S.I. Montes, Madrid-Spain
09/2005 to 03/2010	PhD researcher	Faculty of Sciences of Tunisia-El Zaidin Experimental Station, Spain

RESEARCH INTERESTS

OMICs of living organisms and Bioinformatics

PUBLICATIONS

- **A Mahdhi, M Mars, M Rejili (2023)** Members of *Ensifer* and *Rhizobium* genera are new bacterial endosymbionts nodulating *Pisum sativum* (L.). *FEMS Microbiology Ecology*, Volume 99, Issue 2, fiad001, <https://doi.org/10.1093/femsec/fiad001>.
- **Rejili M, Off K, Brachmann A, Marín M (2020c)** *Bradyrhizobium hipponense* sp. nov., isolated from *Lupinus angustifolius* growing in the northern region of Tunisia. *Int. J. Syst. Evol. Microbiol.* DOI 10.1099/ijsem.0.004445.
- **Rejili M, BenAbderrahim MA, Mars M, Sherrier DJ (2020b)** Novel putative rhizobial species with different symbiovars nodulate *Lotus creticus* and their differential preference to distinctive soil properties. *FEMS Microbiol Letters* <https://doi.org/10.1093/femsle/fnaa084>.
- **Rejili M, Ruiz-Argueso T, Mars M (2020a)** Novel putative *Mesorhizobium* and *Ensifer* genomospecies together with a novel symbiovar *psoraleae* nodulate legumes of agronomic interest grown in Tunisia. *Syst App Microbiol* <https://doi.org/10.1016/j.syapm.2020.126067>.
- **Abdedaiem R, Rejili M, Mahdhi M, de Lajudie P, Mars M (2020)** Phylogeny and distribution of arbuscular mycorrhizal fungi associated with *Vachellia tortilis* ssp. *raddiana* in relation to soil properties under arid ecosystems of Tunisia. *Mycological Progress* 19, pages495–504.
- **Rejili M, Msaddak A, Filali I, Benabderrahim MA, Mars M, Marín M (2019)** New chromosomal lineages within *Microvirga* and *Bradyrhizobium* genera nodulate *Lupinus angustifolius* growing on different Tunisian soils. *FEMS Microbiol Ecol* 95 <https://doi.org/10.1093/femsec/fiz118>.
- **Waller Z, Rejili M, Mars M, Brachmann A, Marín M (2019)** Draft Genome Sequence of *Phyllobacterium endophyiticum* mTS5, isolated from *Lupinus micranthus* in Tunisia. *Microbiol Resour Announc* 8 pii: e00968-19. doi: 10.1128/MRA.00968-19.
- **Abdedaiem R, Rejili M, Mahdhi M, de Lajudie P, Mars M (2019)** Soil Properties Shape Species Diversity and Community Composition of Native Arbuscular Mycorrhizal Fungi in *Retama raetam* Roots Growing on Arid Ecosystems of Tunisia. *Int J Agri Biol* 19–0973/202x/00–0–000–000 DOI: 10.17957/IJAB/15.1307.

- Msaddak A, **Rejili M**, et al. (2019) *Microvirga tunisiensis* sp. nov., includes root nodule symbiotic bacteria isolated from *Lupinus micranthus* and *L. luteus* grown in Northern Tunisia. *Syst App Microbiol* 42(6):126015. doi: 10.1016/j.syapm.2019.126015.
- Msaddak A, **Rejili M**, et al. (2018) Definition of two new symbiovars, sv. *lupini* and sv. *mediterranense*, within the genera *Bradyrhizobium* and *Phyllobacterium* efficiently nodulating *Lupinus micranthus* in Tunisia. *Syst App Microbiol* 41: 487-493.
- Msaddak A, **Rejili M**, et al. (2017) Member of *Microvirga* and *Bradyrhizobium* genera are native endosymbiotic bacteria nodulating *Lupinus luteus* in Northern Tunisian soils. *FEMS Microbiol Ecol* 93, 2017, doi: 10.1093/femsec/fix068.
- Msaddak A, Duran D, **Rejili M**, et al. (2017) Diverse bacteria affiliated with the genera *Microvirga* *Phyllobacterium*, and *Bradyrhizobium* nodulate *Lupinus micranthus* growing in soils of Northern Tunisia. *Appl Environ Microbiol* 83(6): e02820-16.
- Mahdhi M, Mahmoudi N, Abddaiem R, Msaadek A, **Rejili M**, Mars M, (2017) Natural Nodulation and AMF Colonization of *Retama raetam* and their Impact on Soil Microbial Properties in Arid Regions of Tunisia. *Research J Microbiol*, 12: 82-89.
- Dhaoui S, **Rejili M**, Mergaert P, Mars M. (2016) *Rhizobium leguminosarum* symbiovar *trifolii*, *Ensifer numidicus*, and *Mesorhizobium amorphae* symbiovar *ciceri* (or *Mesorhizobium loti*) are new endosymbiotic bacteria of *Lens culinaris* Medik. *FEMS Microbiol Ecol*;92(8). pii: fixw118. doi: 10.1093/femsec/fixw118.
- **Rejili M**, Fernandes T, Dinis AM, Pereira JA, Baptista P, Santos SAP, Lino Neto T (2016) A PCR-based diagnostic assay for detecting DNA of the olive fruit fly, *Bactrocera oleae*, in the gut of soil-living arthropods. *Bull Entomol Res* 1-5, doi:10.1017/S000748531600050X.
- Mahdhi M, Mahmoudi N, Msaddak A, **Rejili M**, Mars M (2016) Characterization of Rhizobial Bacteria Nodulating *Astragalus corrugatus* and *Hippocrepis areolata* in Tunisian Arid Soils. *Polish J Microbiol* 65(3):331-339.
- **Rejili M**, Mahdhi M, Dominguez Nunez JA, Mars M (2014) The phenotypic, phylogenetic and symbiotic characterization of rhizobia nodulating *Lotus* sp. in Tunisian arid soils. *Ann Microbiol* 64:355-362.
- **Rejili M**, et al. (2012) Symbiotic nitrogen fixation of wild legumes in Tunisia: Soil fertility dynamics, field nodulation and nodules effectiveness. *Agriculture, Ecosystems and Environment* 157, pp. 60-69.
- **Rejili M**, Vadel AM, Guetet A, Lachiheb B, Ferchichi Ali (2010) Influence of Temperature and Salinity on the germination of *Lotus creticus* from the arid land of Tunisia. *African J Ecol* 48:329-337.
- Guefrachi I, **Rejili M**, Mahdhi M, Mars M (2013) Assessing genotypic diversity and symbiotic efficiency of five rhizobial legume interactions under Cadmium stress for soil phytoremediation. *Int J Phytoremediation* 15: 938–951.
- Mahdhi M, Fterich A, **Rejili M**, et al. (2011) Legume-nodulating bacteria (LNB) from three pasture legumes (*Vicia sativa*, *Trigonella maritima* and *Hedysarum spinosissimum*) in Tunisia. *Ann Microbiol* 62: 61-68.

- **Rejili M, Lorite MJ, Mahdhi M, Pinilla JS, Ferchichi A, Mars M. (2009) Genetic diversity of rhizobial populations recovered from three Lotus species cultivated in the infra-arid Tunisian Soils. Prog Nat Sci 19:1079-1087.**
- **Rejili M, Mahdhi M, Ferchichi A, Mars M. (2009) Natural nodulation of five wild legumes in the south of Tunisia. Plant Biosystems, 143:34-39.**
- **Hamza H, Rejili M, Elbekkay M, Ferchichi Ali (2009) New Approach for the morphological identification of date palm (Phoenix Dactylifera L.) cultivars from Tunisia. Pakistan J Bot 41:2671-2681.**
- **Rejili M, Telahigue D, Lachiheb B, Mrabet A, Ferchichi A. (2008) Impact of gamma radiation and salinity on growth and K⁺/Na⁺ balance in two populations of Medicago sativa (L.) cultivar Gabs. Prog Nat Sci 18, 1095-1105.**
- **Mrabet A, Rejili M, Lachiheb B, Toivonen P, Chaira N, Ferchichi A (2008) Microbiological and chemical characterisations of organic and conventional date pastes (Phoenix dactylifera L.) from Tunisia. Ann Microbiol 54: 453-459.**
- **Rejili M, Vadel AM, Guetet A, Neffati M. (2007) Effect of NaCl on the growth and the ionic balance K⁺/Na⁺ of two populations of Lotus creticus (L.) (Papilionaceae). South Afri J Bot 73: 623-631.**

BOOKS AND REVIEW ARTICLES

- **Rejili M, BenAbderrahim MA, Mars Mohamed (2019) Phylogenomic Review of Root Nitrogen-Fixing Symbiont Population Nodulating Northwestern African Wild Legumes- In book: Nitrogen Fixation, DOI: 10.5772/intechopen.87082.**