

BOUZIANE

Zahira

About me:

Professor Assistant “class B”

**Department of Agricultural Sciences,
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Ain El Beida, Oum El Bouaghi

EDUCATION

- **July 2023** Ph.D in Sciences entitled: Biometric, mophological and caryological study of several Algerian populations of the species *Trifolium subterraneum* L. Department of Plant Biology, Badji Mokhtar University Annaba.
- **June 2003** Master in Genetics and Plant Breeding option “Plant Biotechnology” Mentouri Constantine University.
- **June 1999** State Engineer Degree in Genetics and Plant Breeding Mentouri Constantine University.
- **June 1992** Bachelor in Natural Sciences Ain Beida Oum El Bouaghi.

LANGUAGE

- Arabic
- French
- English

TRAINING

- **March 2009** First workshop on gene formation to the protein «production and purification of recombinant proteins in *E. coli*» organized by the Faculty of Natural and Life Sciences of Constantine in collaboration with the CNRS France.

SUPERVISION

- **2017-2023** Six Master’s Thesis in Plant Biotechnology.
- **2018-2020** Four Bachelor’s Degrees in Biology and Plant Physiology.
- **2015-2016** Two Master’s Thesis in Biotechnology and Plant Breeding.
- **2014 -2015** Four Master’s Thesis in Biotechnology and Plant Breeding.
- **2013-2014** Two Bachelor’s Thesis in Plant Breeding.
- **2012-2013** Two Bachelor’s Thesis in Plant Breeding.
- **2012-2013** Two Master’s Thesis in Biotechnology and Plant Breeding.

PROFESSIONAL TEACHING SKILLS

- **2017- ongoing** Lecturer, TD and TP of the subject «Plant biotechnology» Master 2 Plant biotechnology and Master 2 Arboriculture, University Abbès Laghrour Khenchela.
- **2015-ongoing** Lecturer of Matter «Cytogenetics» Master 1 Plant biotechnologies. Abbès Laghrour Khenchela University.
- **2015- 2018** Lecturer and TP of the subject «Plant biotechnology» 3rd year LMD license Biology and plant physiology. Abbès Laghrour Khenchela University.
- **2015- 2017** Lecturer of the subject «Cytogenetics» Master 1 Biotechnology and Plant Improvement. Abbès Laghrour Khenchela University.
- **2012- 2017** Lecturer, TD and TP of the subject «Plant biotechnology» Master 2 Biotechnology and Plant Breeding Abbès Laghrour Khenchela University.
- **2015-ongoing** Lecturer, TD and TP of the subject «Genetic improvement of plants» 3rd Year LMD Licence Plant production. Université Abbès Laghrour Khenchela.
- **2013-2014** Lecturer in Plant Improvement Methodology Master 1 Biotechnology and Plant Improvement Abbès Laghrour Khenchela University.
- **2011-2012** Lecturer and TP of the subject «Systematic botany» Master 1 Biotechnology and Plant Improvement Abbès Laghrour Khenchela University.
- **2011- 2014** Lecturer and TP of the subject «Plant improvement» 3rd Year LMD Licence Plant improvement university Abbès Laghrour Khenchela.
- **2011- 2014** Lecturer and TP of the subject «Plant biotechnology «3rd Year LMD licence Improvement of plants university Abbès Laghrour Khenchela.
- **2008-2009** Lecturer and TP of the subject «Botany systematics» LMD 3rd Year «Ecology and Environment» C.U. Khenchela.
- **2007-2009** Lecturer of the subject «Botany» 2nd Year L.M.D Biology C.U. Khenchela.
- **2007-2008** Lecturer and TP of the module «Ecopédologie» 3rd Year Biology sector Forest ecology C.U. Khenchela.
- **2007-2009** Supervisor (TD) of the 2nd Year Genetics module L.M.D Biology C.U. Khenchela.
- **2004 -2007** Lecturer of Courses, tutorials (TD) and practical work (TP) of the module «Taxonomy Végétale» 2nd Year Biology C.U. Khenchela.
- **2005-2006** Lecturer, tutorials (TD), and (TP) of the module «Phytogeography and Floristic Analysis» 3rd Year Biology sector «Forest Ecology» C.U. Khenchela.
- **2003-2004** Lecturer of the 1st Year Biology Language Course C.U. Khenchela.
- **1999-2000** Practical work officer of the 3rd Year Plant Physiology module in Biology of the Plant Genetics and Improvement Stream and Plant Biology University Mentouri Constantine.

PUBLICATIONS

2023 Z. Bouziane, R. Issolah, Z. Fedjer and A. Tahar. Analysis of the morphological, phenological and biometrical diversity in several Algerian populations of *Trifolium subterraneum* L. (Fabaceae). *Pak. J. Bot.*, 55(6): 2327-2340. DOI: 10.30848/PJB2023-6(12).

2022 R. Issolah, Z. Sebkhil and Z. Bouziane. Ecological characterization of natural habitats of some *Vicia* L. species (Fabaceae) in Northeastern Algeria. *Pak. J. Bot.*, 54(6): 2253-2261. DOI: [http://dx.doi.org/10.30848/PJB2022-6\(23\)](http://dx.doi.org/10.30848/PJB2022-6(23)).

2020 Z.Kadi, M. Rached Kanouni , S. Khammar , A. Chebout , H. Khammar , R. Hadjab , L. Redjaïmia & Z. Bouziane Interactive effect of genotype and medium on microtuberization of potatoes (L.) grown. *Acta Scientifica Naturalis*, 7(1), 8-25.

2019 Z. Bouziane, R. Issolah and A. Tahar, Analysis of the chromosome variation within some natural populations of subterranean clover (*Trifolium subterraneum* L., Fabacea) in Algeria. *Caryologia: Int. J. Cytol. Cytosyst. Cytogenet.*, 72 (4): 93-104.

COMMUNICATIONS

- 1- September 2023** Member of The Organizing Committee « 1st National Seminar on «The challenge of waste management between destruction and recovery » Khenchela University.
- 2- March 2023** Member of The Organizing Committee «The first International Webinar on Promotion and Exploitation of Plants of Ecological and Economic Interest» Khenchela University.
- 3- March 2023** Presentation at the International Seminar on Promotion and Exploitation of Plants of Ecological and Economic Interest «Anti-fungal activity of the essential oil of rosemary (*Salvia rosmarinus*) against *Alternaria* sp.fungus of stored wheat » Khenchela University.
- 4- March 2023** Presentation at the International Seminar on Promotion and Exploitation of Plants of Ecological and Economic Interest «The Success Assessment of Planting of Two Forage Shrubs: Tree Alfalfa and American Atriplex in the Steppe of the Wilaya de M'sila» Khenchela University.
- 5- March 2022** Oral communication at the international seminar 1er Webinaire International on Plant and Microbial Biodiversity and Valorization (WIBVVM) « Research of Antagonistic Bacteria Against *Alternaria* Sp., Fungi In Stored Wheat In The Khenchela Region. » Oran University.
- 6- March 2020** Communication at the international seminar "1st International Conference on Biodiversity in Service of Biotechnologies "ICBIO'20".
- 7-April 2016** Communication at the International Seminar on Biotechnology in Agriculture, Health and the Environment (SIBASE01) «Study of the influence of the composition of the culture medium on some microtuberization parameters in two potato varieties «*Solanum tuberosum* L.» University of Khenchela
- 8- 2016** Participation in the scientific committee of the first national seminar on "القطاع الفلاحي و متطلبات تحقيق الامن الغذائي بالجزائر " جامعة خنشلة.
- 9- May 2013** Communication posted at the first national seminar on Agricultural Challenges, «Evaluation of the microbiological control against the processionary caterpillar *Thaumetopoea pityocampa* of the Aleppo pine in the massif of Ouled Yagoub (series 7, Ras Tafer – Khenchela» Khenchela University.
- 10- February 2013** Communication posted at the first national biotechnology seminar; Biodiversity and sustainable development «Caryological and molecular study of diploid parents of *Aegilops ventricosa* Tausch: *Aegilops tauschii* Coss. and *Aegilops uniaristata* Vis." Khenchela University.
- 11- November 2008** Communication posted at the first International Seminar on the Valorization of Natural Resources in Semi-Arid Zones "Chromosomal and genomic identification of two diploid species of *Aegilops*: *Aegilops* Coss. and *Aegilops uniaristata* Vis." 3-4 Oum El Bouaghi University.

PNR and CNEPRU PROJECTS

- **2021-ongoing** Associate member of the PNR project entitled: " Evaluation and valorization of diversity in several spontaneous and local forage legumes in Algeria"
- **2022-ongoing** Member of the PRFU Project Researcher approved, under the code D01N01UN400120220004. Title: Valorization, Exploitation and Preservation of Biological Diversity in North East Algeria.
- **01/01/2015** CNEPRU research project researcher approved under code F 03520120003; Title: Study of the polymorphism of xenobiotic detoxification enzymes in cancer.
- **01/01/2005** CNEPRU Research Associate approved under code F 4001/01/2005 entitled "Using Genetic Variability in Improving Wheat Yield and Tolerance to Salinity and Water Deficit in Semi-Arid Areas".

UNIFYING PROJECTS

2016-2020 Researcher at the federating project «Conservation of plant genetic resources of several forage legumes» INRA Algeria.

ADMINISTRATIVE RESPONSIBILITIES

- **2017-2019** Head of specialty Master Plant Biotechnologies since, University of kenchela.
- **2014-2017** Specialty Manager Plant Improvement License and Plant Biology and Physiology License after compliance. Khenchela University.

CONTACT

- ✓ **ResearchGate/** [Zahira BOUZIANE | Abbes Laghrour - Khenchela University, Khenchela | Département de Biologie | Research profile](#)
- ✓ **GoogleScholar/** <https://scholar.google.com/citations?hl=fr&user=gW644bkAAAAJ>