

CURRICULUM VITAE



Personal information

- **Personal**
 - CHEKARA BOUZIANI Mohammed
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 - Google Scholar :
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Education

- **Magister degree** in Biotechnologies
- **DES degree** in Molecular and cellular biology (Option : Microbiology)

Functions and Affiliations

- **Professor Researcher**
- **Researcher in Genetic biochemistry and plants biotechnology, Constantine 1**
- **Manager of the biotechnology branch**

Teaching modules

- Biological analysis methods and techniques
- Genetic improvement methodology for plants
- Genetic bases of biodiversity
- Environmental biotechnology
- Cellular and Molecular Physiology
- Microbiological control techniques

- Vegetation mapping

International publications

- BOUKELLOUL, I., AOUAR, L., BOUZIANI, M. C., ZELLAGUI, A., DERDOUR, M., & NECIB, Y. (2023). Antagonism and plant growth promoting traits of actinomycetes isolated from the rhizosphere of halophyte *Atriplex halimus* L. *Notulae Scientia Biologicae*, 15(1), 11437-11437.
- Mounia, T., Ramzi, H., Mohamed, C. B., Houda, B., & Nouha, K. (2022). Length-Weight Relationships of the Bream *Abramis Brama* (Linnaeus, 1758) in Beni-Haroun Dam of Mila City (North-East Of Algeria). *Journal of Bioresource Management*, 9(4), 3.
- Mohammed Chekara Bouziani, Sakina Bechkri, Ines Bellil, Douadi Khelifi. (2019). Evaluation of Genetic Diversity of Algerian *Aegilops Ventricosa* Tausch. Using InterSimple Sequence Repeat (ISSR) Markers Mohammed WORLD JOURNAL OF ENVIRONMENTAL BIOSCIENCES (ISSN-2277-8047).<https://environmentaljournals.org/en>
- Sakina Bechkri, Asma Medouri, Mohammed Chekara-Bouziani and Douadi Khelifi (2018): The Determination of Sectional and Sub-Generic Relationships among *Vicia* taxa from Algeria Using Plant Morphology and ISSR Markers". *Acta Scientific Agriculture* 2.9 (2018): 02-10. <https://www.actascientific.com/ASAG.php>
- Bellil I., Chekara Bouziani M., Khelifi D. (2012): Genetic diversity of high and low molecular weight glutenin subunits in Saharan bread and durum wheats from Algerian oases. *Czech J. Genet. Plant Breed.*, 48: 23-32. (<https://doi.org/10.17221/105/2011-CJGPB>).

Interests and Qualifications

– Qualifications:

Bio-informatic

- Software (BLAST, SRS, MEGA 4.0, PAM250, ORF finder, CLUSTAL w)
- Portals (NCBI, EMBL, EXPASy, PROSITE, PFam, Inter Pro, Weblogo, MBOSS, GENOUEST) ...

Biostatistics

- One and two dimensions, inferential statistics, ANOVA, ACP, AFC, MANOVA, ANCOVA, Mann-Wihtney, test Wilcoxon, test Kruskal-Wallis....

– Other:

Languages

- Arabic, Frensh and english