



# FERCHA AZZEDINE

Associate Professor A

## PROFILE

Associate Professor A working with both basic and applied plant research. Some of the current research focuses on the applied uses of medicinal plant extracts to mitigate salt stress and in vitro plant regeneration.

Birthdate 02/07/1976  
Home address: Neighborhood July 5,  
05016, Batna  
Married / Four Children

## CONTACT

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## HOBBIES

Reading  
Drawing  
Football  
Mountain Tourism

## LANGUAGES

Tamazight - Native Speaker  
Arabic - Native Speaker  
French - Very Good  
English - Basic

## EDUCATION

### Accreditation to direct research (HDR)

May 2021  
University of Abbes Laghrour, Khenchela

### Doctorat of sciences

May 2015  
University of Mentouri, Constantine

## WORK EXPERIENCE

### Associate Professor A

2021– present  
Plant Biology and Physiology  
University of Abbes Laghrour, Khenchela.

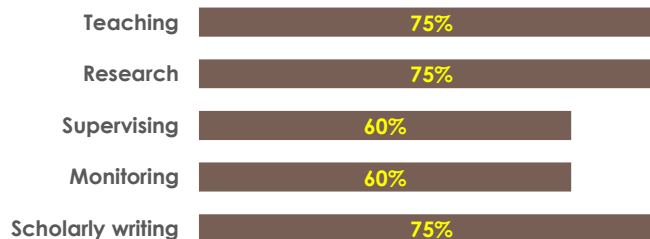
### Associate Professor B

2015 – 2021  
Plant Biology and Biotechnology  
University of Abbes Laghrour, Khenchela

### Lecturer

2003–2015  
Plant Biology and Biochemistry  
University of Abbes Laghrour, Khenchela

## SKILLS



## REFERENCES

- [1] Chorfi L., Fercha A.,.... Bendjemana K. **2022**. N-Acetyltransferase 2, Glutathione S-transferase gene polymorphisms and susceptibility to hepatocellular carcinoma in an Algerian population. *Xenobiotica*, , 52(1), 99-104. <https://doi.org/10.1080/00498254.2022.2040642>.
- [2] Laabassi A., Fercha A. **2021**. Comparative study of the Environmental impact on the nutritional quality of Durum Wheat (*Triticum durum* Desf.). *Ecology, Environment and Conservation* 27, S313-S317.
- [3] Zeraib A., Boudjedou L., ..., Fercha A. **2021**. Synergistic effects of *Ruta montana* (clus.) l. essential oil and antibiotics against some pathogenic bacteria. *Journal of Phytology* 13, 101-107.
- [4] Boudjedjou, L., Ramdani M., Zeraib A., Benmeddourb T., Fercha A. **2019**. Chemical composition and biological activities of Algerian *Santolina africana* essential oil. *Scientific African*, 4, e00090.
- [5] Fercha A. et al., **2018**. Analyse multivariée des traits associés à la vigueur des semences de blé dur sous conditions salines. *Lebanese Science Journal*, Vol. 19, No. 2, 123-134.
- [6] Boudjedjou, L., Ramdani M., Zeraib A., Benmeddourb T., Fercha A. **2018**. Chemical composition and Antibacterial activity of Berries Essential oil of Algerian *Juniperus thurifera* (var. *aurasiaca*). *Pharm Sci.* 24(3): 240-245. doi: 10.15171/PS.2018.35. <https://ps.tbzmed.ac.ir/PDF/PHARM-24-240.pdf>
- [7] Fercha A. **2017**. Understanding seed priming in wheat: A proteomics approach. Ed. Lambert Academic Publishing. LAP (2017-01-16) - ISBN-13: 978-3-330-03302-3. 112 p. <https://www.morebooks.de/store/gb/book/understanding-seed-priming-in-wheat-a-proteomics-approach/isbn/978-3-330-03302-3>
- [8] Laabassi A., Harzallah D., Boudehane A. & Fercha A., **2017**. Wastewater Treatment By Floating Macrophyte (*Salvinia Natans*) Under Algerian Semi Arid Climate. *Climate Changing Agriculture International Conference 29 August – 2 September, 2017 CHANIA GREECE*.
- [9] Fercha A., et al., **2016**. Shotgun proteomic analysis of soybean embryonic axes during germination under salt stress. *Proteomics*, 16(10), 1537-1546. (IF = 4.079).
- [10] Fercha A., et al., **2015**. Gel-Free Proteomics Reveals Potential Biomarkers of Hydropriming-Induced Salt Tolerance in Durum Wheat. *International Symposium on Genomics, Metagenomics, Plant biotechnology, Environment and Health. 22-24 NOV 2015, Biskra, Algeria.* (OC, awarded the 1st prize).
- [11] Fercha A., et al., **2014**. Comparative Analysis of Metabolic Proteome Variation in Ascorbate-Primed and Unprimed Wheat Seeds during Germination under salt stress. *J. Proteomics*, 108, 238–257. (IF=3.867).
- [12] Fercha A., et al., **2014**. Shotgun proteomic analysis of ascorbate-primed and unprimed wheat seeds during germination under salinity conditions (Abstract). *J Biotechnol*

Biomater, 3 (5) 272-311; <http://omicsonline.org/2155-952X/2155-952X.S1.029-020.pdf>; the 5th World Congress on Biotechnology, June 25-27, 2014, Valencia, Spain.

[13] Fercha A., Gherroucha H. **2014**. The role of osmoprotectants and antioxidant enzymes in the differential response of durum wheat genotypes to salinity. *J. Appl. Bot. Food Qual.* 87, 74-79. (IF=1.085)

[14] Gherroucha H, Bouchareb R, Baka M. & Fercha A. **2014**. Wheat growth and yield as affected by soil-applied NPK fertilizers and foliar-applied urea under dry farming conditions in Algeria. The 2nd International Conference of Plant Biodiversity – Marrakech (Morocco) – 27th to 29th March, **2014**. <http://biodiversityvegetalmarrakech.files.wordpress.com/2014/03/proceeding-cibv-marrakech-2014.pdf>

[15] Fercha A., et al. **2013**. Gel-free proteomics reveal potential biomarkers of priming-induced salt tolerance in durum wheat. *J. Proteomics*, 91, 486-499. (IF=3.867)

[16] Bendjemana K., Douik H., Hamada Y., Fercha A., et al. **2013**. GSTM1 and GSTT1 polymorphisms, tobacco use as risk factors for nasopharyngeal carcinoma in maghreb population—A case-control study. *African Journal of Cancer*, 1-6.

[17] Bendjmana K., Hamada Y., Fercha A., et al. **2013**. Prognostic value of CYFRA 21-1 and ACE in Algerian patients with nasopharyngeal carcinoma. *Immuno-analyse & Biologie Spécialisée*, 28(4), 191-194.

... Etc.