



# FERCHA AZZEDINE

Maitre de Conférences A

## PROFIL

Maitre de conférences A travaillant à la fois sur la recherche fondamentale et appliquée sur les plantes. Certaines des recherches actuelles se concentrent sur les utilisations appliquées d'extraits de plantes pour atténuer le stress salin et la régénération végétale in vitro.

Date de naissance 02/07/1976

Adresse : Cité 5 juillet 05016, Batna

Marié / Quatre enfants

## CONTACT

TÉLÉPHONE:

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## LOISIRS

En lisant

Dessin

Football

Tourisme de montagne

## LANGUES

Tamazight - Langue maternelle

Arabe - Langue maternelle

Français - Très bien

Anglais - Basique

## ÉDUCATION

### Habilitation à diriger des recherches (HDR)

mai 2021

Université Abbès Laghrour, Khenchela

### Doctorat en sciences

mai 2015

Université de Mentouri, Constantine

## L'EXPÉRIENCE PROFESSIONNELLE

### Maitre de Conférences A

2021-présent

Biologie et physiologie végétales

Université Abbès Laghrour, Khenchela.

### Maitre de Conférences B

2015 – 2021

Biologie végétale et biotechnologie

Université Abbès Laghrour, Khenchela

### Maître-assistant A

2003-2015

Biologie végétale et biochimie

Université Abbès Laghrour, Khenchela

## COMPÉTENCES

Enseignement	75%
Recherche	75%
Supervision	60%
Tutorat	60%
Rédaction	75%

## RÉFÉRENCES

- [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.