

CV

Civil status

Name: KHABTANE

First name: ABDELHAMID

Date and place of birth: 1973 in Mahmel, Khenchela

Status with the national service: Provided

Family status: Married (04 children)

Adresse : BP 101, tazougart, khenchela 40012

TEL:06 69 63 26 10

Email: khabtane.abdelhamid@univ-khenchela.dz/ hamid1712@yahoo.fr



Degrees:

- **Professor of Biological Sciences at universities 29/02/2024**
- **Habilitation universitaire biological sciences 20/02/2018**
- **Ph.D. in Science option: Plant Ecophysiology and Biotechnology** from the University of Constantine in 2015
- **Master's degree in ecology and plant biology option: Ecophysiology and Plant Biotechnology** from the University of Constantine in 2010
- **Diploma of State Engineer in Environmental Protection from the** University of Constantine in 1996
- **Bachelor's degree in science in 1991**
- **Diploma in computer tool mastery (use of CFAST fire and explosion simulation software)**
- **Certificate of Education in Pedagogy (from the Annaba Institute for Vocational Training 2008)**

Training and internships

- **Internships abroad:** a workshop on the identification of the effect of the environment on the genetic variability of plant species (from 18 March to 1 April 2013)
- **National Internships**
In the framework of the creation of regional dissemination and multiplier groups as environmental protection trainers within vocational training establishments at ANNABA's IFP (vocational training institute) on the following subjects:
 1. Waste management ;
 2. Environmental impact studies;
 3. Environmental audits and the environmental management system;
 4. Water management;
 5. Eco-cards and environmental assessments;

6. Air pollution ;
7. Environmental communication and conflict management;

The project is a cooperation between the vocational training authorities and German experts.

- Training session in environmental education organized by MATET at the national institute of environmental training in Algiers from 27 to 31/12/2009
- Training in teaching pedagogy from six (06) months at the vocational training institute of Annaba from 22/09/2007 to 12/03/2008,
- Training in group dynamics at the IFP of Annaba from 06/05/2006 to 10/05/2006

Work experience:

a) Vocational education :

Full-time teacher of the higher technical level in environmental protection at the national specialized institute of vocational education INSFP of Khenchela from 1/11/2004 to 15/01/2012; The modules taught are:

- *Waste management*
- *Environmental impact studies and audit and environmental analysis*
- *Environmental management system*
- *Environmental regulations and standards*
- *environmental taxation*
- *Environmental education*
- *Project study*
- *Facilities and processes*

b) Experience of more than five (05) years in the field of environmental protection in the oil industry and nature conservation activities as follows:

1. Environmental engineer at the High Commission for the development of the steppe, in charge of studies and development of steppe trails (regional commissariat de l'est at TEBESSA) from 04/01/2003 to 30/11/2004.
2. Engineer in charge of hygiene, safety and environmental protection (HSE) at COU.G.C sarl specialized in oil construction located in Hassi Messaoud from 24/07/2001 to 12/02/2002.
3. Engineer in charge of electrical equipment repair of geophones and cables for seismic boxes at Western Atlas international Inc. Western "Geophysical division" based at Hassi Messaoud from 25/11/1998 to 26/04/2001

Scientific production

Publications

Books

- 1- **Khabtane abdelhamid and Rahmoune Chaabane, 2016, *Ecobiology, Phytochimie, and genetics of the genus Tamarix in the arid regions of Khenchela (East Algerian)*, Maison d'Éditions Universitaires Européennes, ISBN-13: 978-3-639-50233-6 ISBN-10: 3639502337, EAN: 9783639502336, pages: 224**

Articles

- 1- **Esma Anissa Trad Khodja, Abd El Hamid Khabtane, Rabah Arhab, Mohamed Sabri Bensaad, Hakima Beldi, Chawki Bensouici, Ashjan A. Shami, Hamsa Jameel Banjer, Rokayya Sami, and Mahmoud Helal. (2023). *Phytochemical Study,***

Biotechnological Applications and Experimental Evaluation of the Pharmacological Quality of *Tamarix Africana* Stems Fractions, *Journal of Biobased Materials and Bioenergy*, Volume 17, Number 5, October 2023, pp. 556-565(10)

- 2- **Esma Anissa Trad Khodja, Abd El Hamid Khabtane, Rabah Arhab, Djamila Benouchenne, Mohamed Sabri Bensaad, Chawki Bensouici, Ramazan Erenler (2023)**, In vitro assessment of antioxidant, neuroprotective, anti-urease and anti-tyrosinase capacities of *Tamarix africana* leaves extracts, *Journal of Traditional Chinese Medicine* 2023 43(2): 252-264
- 3- **Khabtane Abdelhamid, Tradkhoudja Asmma Anissa, Chourfi Rafika, Boumaaraf Fatima Zohra, Et Ouanes Miyada (2022)** Influence of the environment on the content of primary metabolites in the aerial part of *Tamarix* sp. in the arid zones of the Khenchela region (Eastern Algeria), *International Journal of Biosciences (IJB) nt. J. Biosci.* 20 (3), 120-133
- 4- **Khabtane Abdelhamid Et Ouanes Miyada (2022)**, Biological diversity and patrimony evaluation of the fauna and flora of a wetland of "Sebkhet el mahmel" in the arid region of Khenchela in the North east of Algeria, *Journal of Biodiversity and Environmental Sciences (JBES) Volume 20, N° 4*
- 5- **Ouanes Miyada, Khabthane Abdelhamid, Houha Belgacem, Aouidane Laiche, Fellah Mamoun (2022)** The impact of the factory of the exploitation of the baryta deposits on the quality of the waters of the township of ain Mimoun province of Khenchela N-E of Algeria, *Journal of Biodiversity and Environmental Sciences (JBES) Volume 20, N° 6*
- 6- **Abdelhamid Khabtane et al, (2017)**, In vitro evaluation of the anti-microbial activity and the anti-oxidant activity of the flavonoids extracted from the flowers of the *Tamarix africana* Poir, *Int. J. Biosci.* 11(1), 417-426, July 2017.
- 7- **Sofia Hamli, Mostapha Labhilili, Kenza kadi, Abd El Hamid Khabthane, Meryem Alyadini, Mouna Tagouti, Rajae Manzeri, Fatima Gaboun and Hmenna Bouzerzour, (2015)**. "Heat shock effects on chlorophyll fluorescence, membrane stability, and metabolites accumulation in durum wheat (*Triticum turgidum* L. var. durum) seedlings and relationships with yield stress tolerance indices " **AENSI Journals: Advances in Environmental Biology**, 9(8) May 2015, Pages: 116-125;
- 8- **Khabtane Abdelhamid, Rahmoune Chaâbane, Ben Nacer M'barek, Rabaoui Sihem, Aouidane Elaiche, et kadi Kenza, (2014)**. Determination of the Effect of the Environment on the Genetic Polymorphism In the Genus of *Tamarix* Using the Molecular Marker (Simple Sequence Repeats " PCR-SSR " (In Arid Areas of the Khenchela Region (Eastern of Algeria), *International Journal of Sciences: Basic and Applied Research (IJSBAR)* (2014) Volume 1 6 , No 2 , pp 1 -10
- 9- **Khabtane Abdelhamid, Rahmoune Chaabane, Bennaceur M'bark, Chourfi Rafika, Boumaaraf F. Zohra (2013)**, Effect of the environment on primary metabolite content in the aerial part of *Tamarix* sp in arid areas of the *Khenchela region (eastern Algeria)*, *Revue des Régions Arides - Special Issue - n° 35 (3/2014) - Proceedings of the 4th International Meeting 'Aridoculture et Cultures Oasisennes: Management of Resources and Biotechnological Applications in Aridoculture and Saharan Cultures: Prospects for sustainable development in drylands* 17-19/12/2013

- 10-Kenza Kadi, Abdelouahab Yahya, Sofia Hamli, Laiche Aouidane, Abdelhamid Khabtane et Wahiba Kara Ali (2013)** « In vitro Antibacterial and Phytochemical Analysis of White Henbane Treated by Phytohormones » *Pakistanian Journal of Biological Sciences* 16 (19): 984-990, 2013.
- 11-Khabtane Abdelhamid and Rahmoune Chaabane (2012)** “Effect of the biotope on the floristic diversity and phenotypic polymorphism of clusters in *Tamarix africana* Poir. in the arid zones of Khenchela (East Algeria) region.” *Journal of Agriculture and Environment for International Development – JAEID* 2012, 106 (2): 123 – 137 florence, Italy
- 12- Khabtane Abdelhamid, Rahmoune Chaabane and Ghdir Elalouani (2010)** “Inventory of Sbikha Wetland Avifauna in the Semi-arid Region of Khenchela” *review, Annals of the Faculty of Science and Engineering Sciences*, 2010,
- 13- Khabtane Abdelhamid, Rahmoune Chaabane (2010)** “Study of the ecophysiological behaviour of the genus *Tamarix* in different biotopes of arid and desert regions of the Khenchela region (Algeria)” *Revue des Régions Arides – Special Issue – 24 (2/2010) Proceedings of the 3rd International Meeting on Dryland Farming and Oasian Crops: Management and Exploitation of Resources and Biotechnological Applications in Arid and Saharan Agro-systems*

Communications

- 1. KHABTANE Abdelhamid et OUANES myada, (2023),** Evaluation temporelle de la qualité physico-chimique et biologique du Sebkh d’El Mahmel, Ferst national symposium on: Water, Health and environmental impact of climate changes, Abbès Laghrour university, Khenchela 26 September 2023
- 2. Aitoukheddi Nawel KHABTANE Abdelhamid (2023),** Valorisation of organic waste, 1st National seminar on The challenge of waste management between destruction and recovery, Abbès Laghrour university, Khenchela 15 September 2023
- 3. FARES Ramila, KHABTANE Abdelhamid et KACEMCHAOUCHE Noreddine (2023):** effect of *Pseudomonas fluorescens* strains isolated from the rhizosphere of cultivated weat against *Fusarium* head blight in vitro, First international wibenar on promotion and exploitation of plants and ecological and economic interest, Abbès Laghrour university, Khenchela 15-16 March 2023
- 4. FARES Ramila, KHABTANE Abdelhamid et KACEMCHAOUCHE Noreddine, BOUZIANE Zahira (2022) :** Research of antagonistic bacteria against *Alternaria sp.* fungi in stored weat in the khenchela région, 1^{er} wibinaire international sur la biodiversité et la valorisation végétales et microbiennes, Université Abbès Laghrour, Khencghela du 13-15 Décembre 2022
- 5. MENASRI Amar, KHABTANE Abdelhamidet RAHEL Khaled (2022):** Safran (*Crocus sativus*L.) yield optimization in the M'sara region of Khenchela wilaya using experience plans, International conference mediterranean forests: state of play and prospects, Higher national school of forests, Khenchela 15-16 March 2022
- 6. TRAD KHODJA Esma Anissa, KHABTANE Abd El Hamidet AREHAB Rabeh (2022):** Polyphenol Assay and Alzheimer Activity Assessment of Leaf Extracts from *Tamarix africana*, 1st International Days of Natural and Life Sciences (INDNS 2022),

Upper Secondary School, department of natural sciences, Ouargla from 01-02 March 2022

7. TRAD KHODJA Esma Anissa, **KHABTANE Abd El Hamid** et AREHAB Rabeh (2021), In vitro study of neuroprotective activity of Tamarix africana seeds extraction, 1st National Seminar on Biotechnology of Medicinal Plants and their Involvement in the Pharmaceutical and Food Industries, Larbi Ben Mhidi University Oum-El-Bouaghi-Algeria, on December 13 & 14th 2021
8. TRAD KHODJA Esma Anissa, **KHABTANE Abd El Hamidet AREHAB Rabeh (2021)**, The investigation of the antioxidant power of the metanoic fraction of the leaves of the Tamarix africana plant, first national congress on Valorization of Natural Substances and Materials, University of Tlemcen from 05 to 06 June 2021
9. TRAD KHODJA Esma Anissa, **KHABTANE Abd El Hamidet AREHAB Rabeh (2021)**, "In-vitro antioxidant and dermoprotective activities of Algerian Tamarix Africana flowers", National Seminar: Plant Resources, Natural Products and Health (RVPNS2021), Universite Saad Dahlab Blida, June 9, 2021
10. TRAD KHODJA Esma Anissa, **KHABTANE Abd El Hamidet AREHAB Rabeh (2021)**, Tyrosinase inhibitory activity investigation of acetone extract from Tamarix Africana leaves, Séminaire National sur la Biodiversité Végétale et Animale, Environnement et Santé, Abdelhafid Boussouf-Mila University Centre, LE 20 May 2021
11. TRAD KHODJA Esma Anissa, **KHABTANE Abd El Hamid** et AREHAB Rabeh (2021), Effet antidiabetique de la fraction acetate d'ethyle des graines de la plante *tamarix africana*", 1st international seminar new visions in the sustainable amortization of the biodiversity of uncertain areas, Uivesity center Salhi Ahmed Naâma, institute of science and technology, The 07-08 April 2021
12. FERROUDJ Sana and **KHABTANE Abdelhamid** (2019): Hepatocellular carcinoma response to medicinal plant extract from the Khenchela region, 7th International Biotechnology and Bioresource Development Congress, 20-23 March, Tabarka, Tunisia
13. **Khabtane Abdelhamid and Rahmoune Chaabane** The 4th International Meeting on Resource Managem^{nt} and Biotechnology Application in Dryland Farming and Saharan Crops: Perspectives for Sustainable Development of Drylands Djerba in Tunisia from 17-19/12/2013
14. **Chorfi Rafika and Khabtane abdelhamid** «effect of the environment on the amount in primary metabolites in *Tamarix sp* in arid zones of the region of Khenchela» national seminar on biodiversity, biotechnology and sustainable development of 27-28 February 2013, Abbés Laghrour Khenchela University;
15. **Khabtane Abdelhamid and Rahmoune Chaabane**: "effect of salinity on growth, proline accumulation and nucleic acid content in cuttings of *Tamarix sp.*" *International Award on natural products and environmental protection of 5-6 April 2013 from the faculty of Pharmacy of the University Mounestire Tunisia*;
16. **Khabtane Abdelhamid and Rahmoune Chaabane**: «*The ecophysiological behaviour of the tamarix genus in different biotopes of the arid zones of the region of Khenchela (East Algeria)*». The 3rd international meeting on agriculture and oisian cultures held in Djerba, Tunisia from 15-17/12/2009.

- 17. Khabtane Abdelhamid and Rahmoune Chaabane:** *“ecological inventory of the Sbikha wetland in the arid region of Khenchela in eastern Algeria”*.
International seminar on faunal biodiversity in arid and semi-arid zones at the University of Ouargla from 22-24/11/2009
- 18. Khabtane Abdelhamid and Rahmoune Chaabane:** *“follow-up of waste management in a hospital in Khenchela”*. The international symposium on biology and environment at the University of Skikda from 04-09/11/2009
- 19. Rahmoune Chaabane and Khabtane Abdelhamid:** *“analysis of climate data from the Khenchela region period 1995-2007”*
The international symposium on biology and environment at the University of Skikda from 04-09/11/2009
- 20. Rahmoune Chaabane and Khabtane Abdelhamid:** *«phytosociology and morphology of tamarix in different biotopes in the arid zones of the khenchela region»*. The 2nd study days on research in environment and sustainable development at ENSET in Oran from 3-4/06/2009

Organization and scientific committee of seminars

- 1- Chairman of the Organizing Committee of the 1st International Symposium on Biotechnology in Agriculture, Health and the Environment from 17-19 April 2016, Abbés Laghrour Khenchela University;
- 2- Member of the scientific committee of the 1st national seminar on food security and agricultural challenges (case of khenchela) from 09-10 March 2016, Abbés Laghrour Khenchela University;
- 3- Member of the Organizing Committee of the 1st National Seminar on Biodiversity, Biotechnology and Sustainable Development from 27-28 February 2013, Abbés Laghrour Khenchela University;
- 4- Member of the Organizing Committee of the 1st National Seminar on Agricultural Challenges, 08-09 April 2013, Abbés Laghrour Khenchela University;
- 5- Vice Chair of the Scientific Committee of the first national seminar on essential oils and aromatherapy 2022, Abbés Laghrour Khenchela University
- 6- Membre du comité scientifique of First international webinar on promotion and exploitation of plants and ecological and economic interest 2023, Université Abbés Laghrour Khenchela
- 7- Membre du comité scientifique of The 1st international virtual conference on climate changes, géoressources and sustainable development 2022, Université Abbés Laghrour Khenchela
- 8- Member of the Scientific Committee of the first national seminar on essential oils and aromatherapy 2022, Abbés Laghrour Khenchela University
- 9- Member of the Scientific Committee of the first seminar on biotechnology and microbial biodiversity 2022, Abbés Laghrour Khenchela University
- 10- President d'une session du The 1st international virtual conference on climate changes, géoressources and sustainable development 2022, Université Abbés Laghrour Khenchela

Student Coaching

Supervision of students PhD

- Sustained 01
- In progress 02

Master's students from 2012-2023

- 14 themes

Scientific research

- Project Manager PRFU 2018-2022 Abbés Laghrour Khenchela University
- Membre du projet 2023-2026 Université Abbés Laghrour Khenchela
- Membre d'équipe de recherche dans un laboratoire de recherche Université Abbés Laghrour Khenchela

Scientific bodies

- Chairman of the Scientific Council of the Faculty of Natural and Life Sciences 2019-2022 Université Abbés Laghrour Khenchela
- Member of the scientific committee of the department of agronomy 2019-2022 Université Abbés Laghrour Khenchela
- Member of the scientific council of the university 2019-2022 Université Abbés Laghrour Khenchela
- Member of the University Scientific Council 2023-2026 Université Abbés Laghrour Khenchela
- Member of the University Disciplinary Board 2022-2025 Université Abbés Laghrour Khenchela

Administrative responsibilities

- 1- Dean of the Faculty of Natural and Life Sciences from 20/11/2016 to 2018
- 2- Vis dean in charge of graduation post and external relations faculty of natural and life sciences from 07/01/2016
- 3- In charge of the tutoring unit faculty of natural and life sciences from 05/05/ 2013
- 4- Deputy head of ecology and environment department faculty of natural and life sciences from 01 /03 /2012

Languages :

Arabic, French and English, written and spoken

Translated with DeepL.com (free version)