

Full Name: Karima BOUGUEROUA

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Education

- **02/05/2024: PhD in Physiology of nutrition and health**
University of Abdelhamid Ibn Badis, Mostaganem, Algeria
 - *Graduated with highest honors and commendation from the jury.*
- **09/2017- 06/2019: Master's degree in Food Sciences**
University of Abdelhamid Ibn Badis, Mostaganem, Algeria,
 - *Graduated with honors (year: **Ranked 1st**).*
- **09/2016 -06/2017: Bachelor degree (licence) in Biological Sciences**
University of Abdelhamid Ibn Badis, Mostaganem, Algeria
 - *Graduated with honors (year: **Ranked 1st**, Average 16.29/20).*
- **September 2013-Juin 2016: common core in biology.**
University of Houari Bomedienne (USTHB), Algeria
- **09/2010 - 06/2013: Baccalaureate degree in sciences**
Mohamed Khoudja high school, Algiers, Algeria

Professional Experience and training

- **June 2023 – Present:** CEO, K Marine company (Spirulina Production and Algae Processing)
- **31/08/2023 - 03/09/2023:** Online training program in molecular docking, with the session designated as DM.CT_2308, provided by Iea-Training. This comprehensive course equipped me with in-depth knowledge and practical skills in molecular docking techniques. During this training, I gained proficiency in the utilization of software tools and methodologies essential for the molecular docking process. The program covered topics such as ligand-receptor interactions, binding affinity analysis, and the interpretation of docking results.
- **16/01/2023-02/02/2023:** internship at Laboratory Analysis, Modelling, Biology Materials and Environment –(LAMBE) CNRS UMR8587, Evry Val d'Essonne University Boulevard François Mitterrand 91025 EVRY CEDEX, France.
- **09/2022-02/2023:** Taught Zoology laboratory sessions at the University of Mostaganem for second-year students in Agricultural Science, Marine Science, and Biology in the first semester (S1).

- **07/2021 - 09/2021:** Entrepreneurial training by **Yabda project** is support and catalyst for innovation and development (EU, UNDP, UNESCO, OECD). Yabda, aims to build the capacity necessary in ten Maghreb Universities for matching the high research and development potential of the region with soaring youth unemployment rates, our project ORTIE VITA has been sectioned in the final national competition, University of Mostaganem, Algeria.
- **11/2020-05/2021:** Completed all requirements for training in Precision Agriculture within the framework of the Erasmus +project “New Curricula in Precision Agriculture Using Gis Technologies Sensing Data (**CUPAGIS**)”, project coordinator Tallinn University of technology, Estonia.
- **29-28/05/2021:** Intensive training in the fabrication of natural cosmetics industry by Modern Algerian school, Birtouta, Algiers,Algeria.
- **04/2018:** Internship at the Regional Veterinary Laboratory of Mostaganem, Algeria (Histopathology Services) from April 7th to April 14th.
- **02-04/2018:** internship at laboratory of Beneficial Microorganisms, Functional Food and Health (LMBAFS) Mostaganem, Algeria from February 17th to April 7th.
- **03/2017:** Internship at the Regional Veterinary Laboratory of Mostaganem, Algeria (food hygiene service) from March 19th to March 30th.

International Scientific Publication:

- Bougueroua, K., Boufadi, M. Y., Latreche, B., Celik, I., Guerrero Gonzalez, M., Doubbi Bounoua, A., ... & Zoair, A. (2023). Effects of algerian nettle (*Urtica dioica* L.) on benign prostatic hyperplasia and their mechanism of action elucidation: in vivo and in silico approaches. *Natural Product Research*, 1-11. <https://doi.org/10.1080/14786419.2023.2272283>

Communications:

International communications

- **18-19 /04/2024:** Participant at the second **International Conference on Scientific and Innovative Studies ICSIS 2024** by communication title: **Production of Organic Fertilizer from Microalgae Cultivation**. April 18-19, 2024 in Konya, Turkey.
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- **01-02 /03/2022:** Participant at the first **International days of natural sciences (INDNS2022)** by communication title: **Antiproliferative of stinging nettle stinging nettle root (*Urtica dioica*) extract on wistar rat prostate hyperplasia by testosterone propionate**. March 1st-2nd, 2022, Higher Normal School of Ouargla, Algeria.
- **12/2021:** The first International Conference on **Public Health in Africa (#CPHIA2021)**. 14th to 16th December 2021 by Africa CDC.
- **03/2020:** Participant at the **International Conference** on “Green Innovation” from 09

to 10 MARCH 2020 at the University of Biskra. We had **award of the best project presentation**.

- **05/2019:** Participant in the “**VivaTech, annual technology conference**” is the world's rendezvous for startups and leaders to celebrate innovation exposition of our project “**algoagar**” , February May 16th to 18th at Porte of Versailles, Paris, France.
- **01/ 2019:** Pitcher on **Blue Invest** in the Mediterranean 2019 in 24 January 2019 / The Westin Dragonara Resort, Malta.

National communications

- **02-04/12/2021:** 16th National Congress Of Urology, Algerian Association of Urology , organized on **December 02,03 and 04, 2021** Oran, Oran Bay ex Sheraton .
Title of communication : **l’effet antiprolifératif de l’*Urtica Dioica* sur l’hyperplasie prostatique.**
- 10th Days of the Faculty of Natural and Life Sciences of the University of Mostaganem **November 16, 17, and 18, 2021**
Title of communication: **Antiproliferative effect on wistar rat prostate hyperplasia by a stinging nettle root (*Urtica dioica*) extract.**
- 1st National Seminar of Aromatic and Medicinal Plants of Eastern Algeria (SNPAMEA-1), organized on **September 14 and 15, 2021** Skikda ,Higher Normal School of Technological Education, department of Natural Sciences.
Title of communication: **The effect of *Urtica dioica* root extract on testosterone induced benign prostatic hyperplasia in rats.**
- 2nd Study Day on the Assessment and Valuation of Coastal Marine Resources (JEEVRML-2), organized on **June 08, 2021**, University of Mostaganem.
Title of communication: **therapeutic effect of a hydrogel based on B chitosan on the in vivo regeneration of skin tissue of marine invertebrates**
- **03/2021:** Speaker at the National conference «the National Strategy for the Blue Economy for 2030 » **on 23 March 2021** organized by the Ministry of Fisheries in Algiers at international center of conferences ,Algiers, Algeria.
- **12/2020:** Speaker at the «National webinar Algeria Food Security Innovation» on 31 December 2020 organized by the Ministry of Fisheries, Algiers.
- **02/2019:** speaker in the "The Graduate Faire" - Algerian Student Fair in conference "Linking studies and entrepreneurship, a challenge every day! » May 6, 2019 at the Palace of Culture Moufdi Zakaria, Algiers, Algeria.

Prices

- **09/10/2023:** Obtains the **label of startup KNMARINE** from the National Committee for Startups, Innovative Projects and Business Incubator.

- **02/2021:** Obtains the **label of innovative project** KNMARINE from the National Committee for Startups, Innovative Projects and Business Incubator.
- **12/ 2020 :** Participant at second edition of the **Tech Boost Bootcamp** organized by Brenco E&C in partnership with ANIMA Investment Network within the framework of the regional program THE NEXT SOCIETY, on from 04/12/2020 to 12/12/2020, as project leader.
- **10/ 2018 :** participant in **national challenge macheroui** at the National Center for Research and Development of Fisheries and Aquaculture (CNRDPA); **win the 1st prize** of the challenge with the project of Algo Agar "make seaweed exploitation for the future" in Tipaza, Algeria.
- **04/2018:** Participant in the **national competition** for the best project at the University of Science and Technology Houari Boumediene (USTHB); win the **3rd national prize**.

Extracurricular Activities and Achievements

- **10/2021:** My startup KNmarine was part of the fair organized behalf the **World Food Day of Food** and Agriculture Organization of the United Nations (FAO) in Safex Algiers, October 18th, 2021.
- **12/ 2018 :** Participant at **the national show of innovation** 8th edition by exhibiting our agar agar prototype on December 4th, 5th, 6th at the University of Science and Technology Houari Boumediene USTHB, Algiers, Algeria.
- **10/2014:** participant in the organization of the week of excellence in human development at the university of science and technology Houari Bomediene, Algiers, Algeria.
- **09/ 2013 –06/ 2015:** Active member of Open mind club: the Scientific Club of university Houari Boumediene. The main purpose of Open mind is to serve students and strengthen their relationship with the professional world by providing scientific, cultural and sporting activities, and organizing events.
- **11/2012:** Participant on g|Algeria Extended Day: one of the biggest Google events. It was an exclusive event that attracts software developers, businessmen, marketing professionals and webmasters, allowing them to share their experience as well. Googlers did a several conferences and workshops.

Languages

Arabic: Mother Tongue

French: Fluent

English: Fluent Writing and Speaking