



# Wahiba YAKHLEF

Assistant Professor



+213661244813



wahiba.yakhlef@univ-khenchela.dz



El Hamma Khenchela 40004

## ACCOUNTS

<https://www.researchgate.net/profile/Wahiba-Yakhlef>

<https://scholar.google.com/citations?user=UH0BHOkAAAAJ&hl=fr>

## LANGUAGES

- Arabic
- French
- English

## TEACHING

- Applied Microbiology course
- Molecular and Cellular Biology of Infectious Agents course
- Advanced Bacteriology course
- Methodology in Molecular and Cellular Biology course
- Immunology course
- Microbial Biochemistry course
- Systematics of Prokaryotes course
- Microbial Biodiversity course
- General Microbiology course
- Food and Food Systems course
- Techniques of communication and expression course

## EDUCATION

- **Baccalaureate in Natural Sciences (2005)**  
High School Oued-Zenati, Guelma
- **Bachelor of BMC – Microbiology (2009)**  
Constantine University
- **Magister of Microbiology (2012)**  
Khenchela University
- **PhD of Applied Microbiology (2019)**  
Oum El Bouaghi University

## PROFESSIONAL EXPERIENCE

- **Laboratory Technician (2011 - 2013)**  
Public Hospital Oued-Zenati
- **Deputy Head of the Biology Department and BMC Department (2013-2014), (2015-2016)**  
Khenchela University
- **Residential scholarship abroad (2016-2017)**  
Instituto de la Grasa, Seville, Spain
- **Member of the Scientific Committee of the BMC Department (2019-2022)**  
Khenchela University
- **Head of the applied microbiology master's specialty (2019-2022)**  
Khenchela University
- **Member of a research project PRFU D01N01UN400120220003 (2022-2025)**  
Khenchela University
- **Head of the Molecular Diagnostic Unit (2024)**  
Khenchela University

## INTERNATIONAL PUBLICATIONS

- **Yakhlef W., Arhab R., Romero C., et al.**, Phenolic composition and antimicrobial activity of Algerian olive products and by-products. *LWT - Food Science and Technology* 93 (2018) 323–328.
- **Yakhlef W., Darbouche A.** Metabolic diversity of thermophilic bacteria from hot springs in Algeria. *Journal Academica- Microbiology* (2012) Vol. 2(1), pp. 57-65.
- **Yakhlef W., Kheddouma A., Darbouche A.** Biological Wastewater Denitrification by Thermophilic Bacteria. *Journal Academica Microbiology* (2012) Vol. 2(3), pp. 147-151.

## PEDAGOGICAL HANDOUTS

- **Yakhlef W.** Microbiology course, intended for students in the 2nd Year of the Common Core Biological Sciences (2022) University Abbès Laghrour Khenchela

## INTERNATIONAL COMMUNICATIONS

- **Yakhlef W., Arhab R.** "Phenolic composition of Algerian olive products and by-products" The First International Webinar on Promotion and Exploitation of Plants of Ecological and Economic Interest. Khenchela, March 15 and 16, 2023.
- **Yakhlef W., M'rah N-E., Bouhlala N.** "Pollution and microbiological hazards related to slaughterhouse effluents in the city of Khenchela" The 1st International Hybrid conference on Climate Change, Georesources and Sustainable Development (1st I2CGSD 2022). Khenchela, May 17-18, 2022.
- **Yakhlef W., Arhab R.** "Evaluation of the antibacterial power of olive polyphenols" 1st International Days of Natural and Life Sciences (JISNV 2022). Ouargla, March 1-2, 2022.
- **Yakhlef W., Arhab R.** "Bactericidal effect of Algerian olive mill wastewater" 1st International E-Day on Microbial Biotechnology. Algiers, November 18, 2021.
- **Yakhlef W., Kheddouma A., Arhab R.** "Study of the antibacterial activity of polyphenols derived from olive trees" International Seminar on Biotechnologies Applied to Agriculture, Health and Environment (SIBAASE I). Khenchela, April 17-19, 2016.
- **Yakhlef W., Kheddouma A., Arhab R.** "Valorization of olive by-products from the Guelma region and highlighting their antibacterial activity" International Seminar on Food Sciences (SISA). Constantine, October 14-16, 2014.
- **Yakhlef W., Mokranie E-H, Meziani M. et al.** "Study of the biological denitrification process of wastewater in thermophilic bacteria" World Environment Day. Mostaganem, June 7, 2012.

## NATIONAL COMMUNICATIONS

- **Yakhlef W., Arhab R.** "Phenolic composition and antimicrobial activity of Algerian olive products and by-products" 1st National Webinar on Natural Products and Bioactive Compounds, an issue of sustainable development. Tlemcen, March 11, 2023.
- **Yakhlef W., Ounissi S., Boudouaour A.** "The main antibiotic-resistant bacteria encountered at the Kaïs Public Hospital (Khenchela)" 1st National Seminar on Biotechnology and Microbial Biodiversity. Khenchela, October 26 and 27, 2022.
- **Yakhlef W., Arhab R.** "Microbiological valorization of margine polyphenols" 1st National Seminar on Biotechnology of Medicinal Plants, and their implication in the pharmaceutical and food industry. Oum El Bouaghi, December 13 and 14, 2021.
- **Yakhlef W., Arhab R.** "Microbiological valorization of olive by-products" The 3rd edition of the Scientific Days on Agri-food (JAGRO 2021). Blida, December 10-11, 2021.
- **Yakhlef W., Arhab R.** "Phenolic characterization of olive products and by-products" The 1st National Seminar on Plant Biology and Environment "SNBVE 2021", Souk-Ahras, November 24 and 25, 2021.
- **Yakhlef W.** "Valorization of liquid waste resulting from olive oil crushing in eastern Algeria" First National Seminar on Biodiversity, Environment, and Food Security (Biosec). Boumerdès, October 20 and 21, 2015.
- **Yakhlef W.** "Valorization of liquid olive waste in microbiology" National Conference on Environmental Sciences and Technologies (CNSTE). Skikda, June 3 and 4, 2015.

## SUPERVISION OF COMPLETED MASTER'S THESES

- Said Ilies, Ghedir El-Kahina, Benkhaled Saliha (**June, 2013**): Study of the antibacterial activity of phenolic compounds derived from olive products (leaves and pomace). (University of Khenchela).
- M'rah Islem, Bouhleb Nedjma (**June, 2014**): Physico-chemical and bacteriological characterization of raw effluents from the slaughterhouse in the city of Khenchela (University of Khenchela).
- Benamara Moufida (**June, 2014**): Search for pathogenic bacteria in the nurseries of the city of Khenchela (University of Khenchela).
- Bouacid Abdellah, Bali Amel (**June, 2015**) Physicochemical characterization and evaluation of the antibacterial activity of margines on Gram-positive bacteria (Univ. Khenchela).
- Aouidjia Asma, Messaoudi Hana (**June, 2015**) Physicochemical characterization and evaluation of the antibacterial activity of margines on Gram-negative bacteria (Univ. Khenchela).
- Salhi Rayan Djihane, Hammoudi Assia (**June, 2016**) Study of the biological activities of polyphenols derived from the olive tree (University of Khenchela).
- Sellaoui Hadjer, Fatou Amina (**June, 2016**) Study of the antibacterial activity of a medicinal plant (Univ. Khenchela).
- Lagha Imane, Arrouf Wissem (**June 2018**) Evaluation of the microbiological and physico-chemical quality of domestic well water in the Khenchela region (University of Khenchela).
- Affouf Faïda (**July 2019**) Evaluation of the microbiological and physicochemical quality of potable water from tanker trucks circulating in the Khenchela region (Univ. Khenchela).
- Boumaza Asma Norhan (**July 2019**) Study of the types of microbial infections encountered at the Department of Infectious Diseases, Ali Boushaba Khenchela Public Health Establishment (University of Khenchela).
- Boussaada Nahla, Boussaada Zahia (**July 2020**) Epidemiological study of Measles at the Pediatric Department, Ahmed Ben Bella Public Hospital (Khenchela) (University of Khenchela).
- Brag Rayane, Boumaraf Ilhem (**July 2020**) Microbiology of minced meat (Univ. Khenchela).
- Mokhnachi Wissam, Merabti Razika, Larab Rayane (**July 2021**) Epidemiology of pulmonary tuberculosis in the municipality of Kaïs (Khenchela) (University of Khenchela).
- Boudouaour Amina, Ounissi Safia (**July 2021**) Survey on the main antibiotic-resistant bacteria encountered at the Hih Abdelmadjid Kaïs Public Hospital (Khenchela) (University of Khenchela).
- Bouzidi Malek Aridj, Bouteraa Houria, Benaroua Imene (**June 2022**) Evaluation of the microbiological efficacy, In-vivo, of some hydroalcoholic products marketed in Algeria (Univ. Khenchela).
- Zaïz Khouloud, Athamna Hanane, Boussalem Amira (**June 2022**) Monitoring of COVID-19 vaccination at the level of Khenchela province (University of Khenchela).
- Medjedh Saliha, Kezziz Abdenacer, Berdja Anis (**June 2023**) Monitoring the evolution of the COVID-19 pandemic at the level of the Khenchela province (Univ. Khenchela).
- Remili Belkisse, Ghaoui Maroua, Laacisse Zerouala (**June 2023**) Evaluation of the microbiological quality of certain fish sold in the Khenchela region (Univ. Khenchela).