

CURRICULUM VITAE

Name: KHALLEF

First name: Messaouda

Born: 06/21/1979 in Annaba – Annaba; Algeria

Current position: teacher-researcher at the University 8 MAI 1945- Guelma; Algeria

Grade: Senior Lecturer class -A-

Personal address: City 580 buildings Bt "L" Sidi Amar, Annaba; Algeria

Professional address: Department of Biology, Faculty of Nature and Life Sciences and earth and universe sciences, Guelma University, BP401, Guelma 24000; Algeria.

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Studies

2004-2015 Diploma: PhD

Specialty: Microbiology

Option: Applied Microbiology

University: Badji Mokhtar - Annaba (Algeria)

Theme: Determining the genotoxic effect of drinking water disinfection by-products.

Defense Date: 03 June 2015

Mention: Very honorable with congratulations from the jury members

2001-2004 Diploma: Magister

Specialty: Applied Microbiology

Option: Environmental Microbiology

University: Badji Mokhtar - Annaba

Theme: Evaluation of the mutagenic and genotoxic activity of chlorine-treated drinking water (Chaiba station: city of Annaba).

Defense Date: November 2004

Mention: Very good (promotion major)

2001/2002 Diploma: Graduate of In-depth Studies (DEA)

Specialty: Applied Microbiology

University: Badji Mokhtar Annaba

Duration: Two semesters

Annual average: 15.04

1997/2001 Diploma: Graduate Diploma (DES)

Specialty: Biochemistry

University: Badji Mokhtar - Annaba

Theme: ethanol biosynthesis by *Saccharomyces cerevisiae*

Defense date: June 2001

Mention: pretty good

1996/1997 Degree: Baccalaureate

Specialty: Nature and Life Sciences

High school: Saint Augustin- Annaba

Internship

Clinical biochemistry training in the diabetology department, Annaba health sector, downtown polyclinic, the year 2000.

Training in Clinical Toxicology at Ibn Sina Hospital, Annaba, 2000.

Training in clinical microbiology health sector of Annaba, polyclinic downtown, the year 2001.

Training in biochemistry and microbiology at ISPAT Annaba in 2002.

Training in genetic toxicology for 2 months in the Department of Biology at Afyonkarahisar University, Turkey, 2011-2012.

Training in human cell line culture and real-time cell growth measurement technique by measuring impedance through the use of a xCellingence system (RTCA) at the Cell Genetics laboratory at Vrije University, Belgium, the year 2016, 2017, 2018.

scientific publications

1) **Khallef, M.**, Liman, R., Konuk, M., Ciğerci, İ.H., Benouareth, D., Tabet, M., Abda, A., 2013. Genotoxicity of drinking water disinfection by-products (bromoform and chloroform) by using both Allium anaphase-telophase and comet tests. Cytotechnology 67, 207–213. <https://doi.org/10.1007/s10616-013-9675-y>

2) **Khallef, M.**, Merabet, R., Benouareth, D.E., 2014. Undesirable effects of drinking water chlorination by-products. J. Toxicol. Environ. Health Sci. 6, 26–30. <https://doi.org/10.5897/JTEHS2013.0283>

3) Tabet, M., Abda, A., Benouareth, D.E., Liman, R., Konuk, M., **Khallef, M.**, Taher, A., 2015. Mutagenic and genotoxic effects of Guelma's urban wastewater, Algeria. Environ. Monit. Assess. 187. <https://doi.org/10.1007/s10661-015-4281-4>

- 4) Abda, A., Benouareth, D.E., Tabet, M., Liman, R., Konuk, M., **Khallef, M.**, Taher, A., 2015. Mutagenicity and genotoxicity of drinking water in Guelma region, Algeria. *Environ. Monit. Assess.* 187. <https://doi.org/10.1007/s10661-014-4223-6>
- 5) Boumaza, A., Lalaoui, K., **Khallef, M.**, Sbayou, H., Talbi, H., Hilali, A., 2016. Assessment of Cytotoxic and Genotoxic Effects of Clodinafop-propargyl Commercial Formulation on *Allium cepa* L. *J. Mater. Environ. Sci.* 7 (4), 1245-12517.
- 6) **Khallef, M.**, Cenkci, S., Akyil, D., Özkara, A., Konuk, M., Benouareth, D. E., 2018. Ames and random amplified polymorphic DNA tests for the validation of the mutagenic and/or genotoxic potential of the drinking water disinfection by-products chloroform and bromoform. *J. Environ. Sci. Health Part A* 53, 154–159. <https://doi.org/10.1080/10934529.2017.1383134>
- 7) **Khallef, M.**, Benouareth, D.E., Konuk, M., Liman, R., Bouchelaghem, S., Hazzem, S., Kerdouci, K., 2019. The effect of silver nanoparticles on the mutagenic and the genotoxic properties of the urban wastewater liquid sludges. *Environ. Sci. Pollut. Res.* <https://doi.org/10.1007/s11356-019-05225-8>