

Curriculum Vitae



Personal information

❖ Personal

- Dr. BOUTELLAA Saber بوطلاعة صابر
- Professor, Biological and Agricultural sciences Department, University Centre Abdelhafid BOUSSOUF Mila, Algeria.
- E-mail: s.boutellaa@centre-univ-mila.dz
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❖ Researcher identity

- Google Scholar : <https://scholar.google.com/citations?user=jvcv7tcAAAAJ&hl=fr&authuser=1>
- Researchgate: https://www.researchgate.net/profile/Saber_Boutellaa
- ORCID: orcid.org/0000-0002-4176-9989

Education

- Ph.D.'s degree in Biochemistry of natural products (2020)
- Master's degree in Biochemistry of natural products (2014)
- License's degree in Biochemistry (2007)

Functions and Affiliations

- Associate professor (Since 2020)
- Assistant professor (2014-2020)
- Deputy Director of Post-Graduation Studies and Scientific Research at the Institute of Life and Natural sciences, University Centre Abdelhafid BOUSSOUF Mila, Algeria (since 2023).
- Deputy Director of Post-Graduation Studies and Scientific Research at the Institute of Sciences and Technology, University Centre Abdelhafid BOUSSOUF Mila, Algeria (2018 -2021).

Teaching modules

- In graduation: Applied biochemistry; Instrumental biochemistry; General biochemistry; Microbiology; Cell Biology; Plant Biology.
- In post-graduation: Biodiversity and valorization of natural resources, Phytochemistry

Research activity

- ❖ Member of Research project PRFU under code: D01NO1CU430120230001 (2023).
- ❖ Member of Research project PRFU under code: D01NO1CU430120180001 (2018-2022).
- ❖ Member in Research Laboratory of Natural sciences and Materials (LSNM), University Centre Abdelhafid BOUSSOUF Mila, Algeria.

International publications

- 1- Zellagui, D. R., Chemsal, A. el K., Hadjab, W., Halis, Y., Ozturk, M., Boutellaa, S., ... Gherraf, N. (2024). Chemical composition, antibacterial, antioxidant, and anticholinesterase activities, *in vitro* and *in silico*, of the essential oil of Algerian endemic species *Daucus biseriatus* Murb. *International Journal of Environmental Health Research*, 1–15. <https://doi.org/10.1080/09603123.2024.2444377>
- 2- Menakh, M., Boutellaa, S., Benabied, K. et al. A comparative Analysis of Algerian natural extracts as Solo and Synergistically against *Culex pipiens* (Diptera: Culicidae) Larvae. *Int J Trop Insect Sci* 44, 1817–1827 (2024). <https://doi.org/10.1007/s42690-024-01280-y>
- 3- Mouna Menakh, Saber Boutellaa, Amar Zellagui, Ozgur Ceylan, Mehmet Öztürk and Chawki Bensouici (2024). Antimicrobial, Antibiofilm and Antioxidant Properties of Algerian *Satureja graeca* L. Against Human Pathogens. *Jordan Journal of Biological Sciences*. <https://doi.org/10.54319/jjbs/170308>
- 4- Asma SERRER, Abdelhafid BOUBENDIR, Khadidja BOUCHAIR, Saber BOUTELLAA (2023). Effect of Rosemary and Oregano Aqueous Extracts Supplementation on Microbial Growth during Refrigerated Storage of Milk. *Agric. conspec. sci.*, 88 (1) :67-73. <https://hrcak.srce.hr/296232>
- 5- Saber Boutellaa, Mouna Menakh, Djahida Mahdi, Amar Zellagui, Nassima Bouzit, Fatima Lekkouché, Mesbah Lahouel (2022). Nephroprotective Effect of *Hertia cheirifolia* Polar Fraction with Selenium against Carbon Tetrachloride in Rats. *Annals of the Romanian Society for Cell Biology*, 26 (01), 3032-3049. <http://www.annalsofrscb.ro/index.php/journal/article/view/11375>
- 6- Moufida Bouchekrit, Hocine Laouer, Yavuz Selim Cakmak, Mohamed Hajji, Saber Boutellaa, Moncef Nasri and Salah Akkal (2022). Antibacterial, Antioxidant and Angiotensin-I Converting Enzyme Inhibition Effects of *Margotia gummifera* Extracts rich in Phenolic Compounds. *Current Bioactive Compounds*, 18(3) ; 37-50. <https://doi.org/10.2174/1573407217666210914090501>
- 7- Menakh M, Boutellaa S, Mahdi D, Zellagui A, Lahouel M, Öztürk M. (2021). Hepatoprotective effects of *Hertia cheirifolia* butanolic extract and selenium against CCl₄-induced toxicity in rats. *J Rep Pharm Sci*;10:216-24. https://doi.org/10.4103/jrptps.JRPTPS_25_20
- 8- Mouna Menakh, Djahida Mahdi, Saber Boutellaa, Amar Zellagui, Mesbah Lahouel, Chawki Bensouici (2020). *In vitro* antioxidant activity and protective effect of *Hertia cheirifolia* L. n-butanol extract against liver and heart mitochondrial oxidative stress in rat. *Acta scientifica naturalis*, Vol. 7, No 1, Pages 33–45. <https://doi.org/10.2478/asn-2020-0005>
- 9- Saber Boutellaa, Amar Zellagui, Mehmet Öztürk, Chawki Bensouici, Özge Tokul Ölmez, Mouna Menakh, Mehmet Emin Duru (2019). HPLC-DAD profiling and antioxidant activity of the n-butanol extract from aerial parts of Algerian *Crithmum maritimum* L., *Acta Scientifica Naturalis*, Vol 6, No1, Pages 8-16. <https://doi.org/10.2478/asn-2019-0002>
- 10- Saber Boutellaa, Amar Zellagui, Nasser Baaziz and Youcef Hallis (2016). Assessment of antimicrobial activity of ethyl acetate and n-butanol extracts from *Satureja graeca* L. growing in Algeria. *Der Pharmacia Lettre*, 8 (19):462-465.

- 11- Zellaoui A., Boutellaa S., Arab Y. and Gherraf N. (2014). GC/MS Analysis and Antioxidant Activity of the Essential Oil leaves *Thymus numidicus* Poiret. growing in Mila. *Journal of New Technology and Materials*. Vol. 04, N°01, 155-160.
- 12- Arab Y., Zellaoui A., Boutellaa S., Mesbah K. and Gherraf N. (2014). Total phenolic and flavonoids content, and *in vitro* antioxidant and antimicrobial activity of ethyl acetate and butanol extract from *Senecio delphinifolius* Vahl. *Der Pharmacia Lettre*, 6 (4): 522-525.

Communications

- ❖ Several conferences on medicinal plants, natural products, food supplements and various products of pharmaceutical interest in international and national congresses.