

CURRICULUM VITAE



Personal information

- **Personal**
 - Prof. AMEL BENBOTT
 - Professor, Biology department, University of Oum El Bouaghi, Algeria.
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- **Researcher identity**
 - Google Scholar: <https://scholar.google.com/citations?user=MbBjM4QAAAAJ&hl=fr>
 - ResearchGate: <https://www.researchgate.net/scientificcontributions/A-Benbott-2178265109>
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Education

- **2014: Ph.D.'s degree** in Natural Sciences. Option: Bioactive materials. Larbi Ben M'hidi University - Oum El Bouaghi - Title: « Effect of some secondary metabolism compounds of *Peganum harmala* L. on some bacterial strains and some physiological, histological and behavioral aspects in laboratory mice. »
- **2005: Master's degree** in Plant biology, specializing in bioactive substances, Larbi Ben M'hidi University - Title: « A contribution to the study of the biological activity of extracts of the active substance in the plant *Peganum harmala* L.
- **2002 : Postgraduate degree** in Biochemistry, University of Larbi Ben M'hidi - Oum El Bouaghi.

Functions and Affiliations

- **Associate professor- A**
Laboratory of natural substances, biomolecules and biotechnological applications, Department of Natural and Life Sciences, Larbi Ben M'Hidi University, Oum El Bouaghi, Algeria;
- **Scientific rank:** Research Professor
- **Member of the Scientific Council of the Institute**
- **Member of the Disciplinary Board**

Teaching modules

Metabolic regulation, biochemistry, extraction techniques, plant biology, cellular biology

International publications

- A BENBOTT, C MOSBEH, S KAROUCHE, N HAMADOUCHE, D MAHDI. 2022 Subacute hepatotoxicity of alkaloids extracts of *Peganum harmala* L. seeds in Wistar albino rats. *Notulae Scientia Biologicae* 14 (2)
- HAKIMA BELDI, LYNDIA GALI , AMEL BENBOTT , AMEL BOUDECHICHA , CHAWKI BENSOUICI , ABDELOUAHAB YAHIA , NADIA BENZIDANE . Variation of Phenolic Content and Bioactivity between the Different Organs of the Algerian *Capparis Spinosa* L. *Indian Journal of Novel Drug Delivery* (2022) 14(3), Jul-Sep, 2022, 164-173
- Karouche Saida, Benbott Amel, Rouar Salim Djouad Marwa, Hafiane Chaima. EPIDEMIOLOGICAL AND CLINICAL CHARACTERISTICS OF COVID-19 IN EASTERN ALGERIA. *PRZEGL EPIDEMIOL* 2022;76(2): 149-154 <https://doi.org/10.32394/pe.76.14>
- H NADIRA, O BENSLAMA, A BENBOTT, C MOSBAH, H DAOUI, .Study of the antioxidant and antidiabetic effect of ethanol and aqueous extracts of *Anacyclus pyrethrum* L. roots. *South Asian Journal of Experimental Biology* (2022) 12 (5), 735-744
- Hakima Beldi, Amel Benbott, Abdelouahab Yahia, Sofiane Geuttaf, Chawki Bensouici Contribution to the pharmacological valorization of the roots of *Capparis spinosa* L. from Mila region. *Inter. J. Nat. Resour. Env.* : Vol. 4, No. 1, pp. 1-9 (2022)

- Amel Benbott, Saida Karouche, Camelia Mosbah, Sabah Boukeria, Abdouahab Yahia . Phytochemical, Free Radical Scavenging and Antimicrobial Activities of *Glycyrrhiza glabra* L. rhizomes Collected from Algeria . *J Biochem Technol* (2021) 12(4): 78-83 <https://doi.org/10.51847/0ShxsdgtLC>
- Saida Karouche , Sarra Henouda , Amel Benbott , Kaouther Mihrab Contribution to the study of bioactive substances and biological activities of the species *Rosmarinus officinalis*-L . *Inter. J. Nat. Resour. Env.* : (2021). 3(1): 53-60. <https://ijnre.univ-adrar.dz>
- M. KADRI , N. SALHI, A. BENBOTT, A. YAHIA. Evaluation of antioxidant activities of the methanolic extract of *Cymbopogon schoenanthus* L. (spreng) of Algeria *Revue des Bio Ressources* 2021 ;11(1) : 23-32 . <https://revues.univ-ouargla.dz/index.php/>
- Sabah BOUKERIA, Hassiba BOUGUERIA, Amel BENBOTT. Comparative study of the antioxidant activity of *Curcuma longa* L. and an azo dye dye. *International Journal of Human Settlements* Vol. 5 Nr. 2 2021. <https://www.aneau.org/ijhs/>
- Karouche Saida, Henouda Sara, Benbott Amel, Malki Samira. Free radical scavenging and biological activity of leaves and roots of *Thymelaeahirsuta*, collected from Algeria. *J Adv Pharm Edu Res* 2020;10(4):15-20. [/www.japer.in](http://www.japer.in)
- Mosbah Camélia, Benbott Amel, Mosbah Asma, Hamdouche Nadera. HPLC-PDA analysis and anti oxidant activity of Algerian *Lycium* leaves. *South Asian J Exp Biol*; 2020; 10 (4): 205-214. www.sajeb.org

- Moumen Yasmina , Abdennour Cherif , **Benbott Amel** , Djemil Randa , Khiel Saida , Hamadouche Nadira . Influence of Raphanussativus seeds on sperm parameters of domestic rabbit (*Oryctolagus cuniculus*) in cadmium-induced toxicity. *J Adv Pharm Educ Res* **2020**;10(1):19-25
- S. Karouche , A. Benbott, S. Henouda, S. Malki, I. Boudchicha. Evaluation of phenolic content and biological activities of *Bunium mauritanicum* tubers. *J Fundam Appl Sci.* 2020, 12(2), 916-930 <https://www.jfas.info/index.php/JFAS>
- BOUKERIA S., **BENBOTT A.**, KADI K., DEBBACHE K. et GUENICHE A. .Etude phytochimique et évaluation de l'activité anticoagulante des composés phénoliques du curcuma longal. *Revue des Bio Ressources* **2019** ;10(9) : 45-55 <https://revues.univ-ouargla.dz/index.php/>
- **A. Benbott**, D. Mahdi , A. Zellagui, Y. Moumen and C. Mosbah. Effect of alkaloids extract of *Peganum harmala* seeds on histo- function of rat's testes. *Journal of New Technology and Materials (JNTM)* 2019, 8 (2): 70-76 [www. J. New Technol. Mater. com](http://www.J.NewTechnol.Mater.com)
www.environmentaljournals.org
- **A. Benbott**, C. Mosbah, K.Derouiche, Y. Moumen, S. Boukeria, A.Yahia. Anti-diabetic Activity of Aqueous Extract of *Peganum Harmala* Roots Streptozotocin-induced Diabetic Rats. *Journal of Chemical and Pharmaceutical Research* (2018) 10(6): 104-109. www.jocpr.com
- **A. Benbott**, K.Derouiche, C. Mosbah , Y. Moumen. Acute toxicity of alkaloids extracted in the wistar albino. *The North African Journal of Food and Nutrition Research* 02(01): A1 A27. ISSN:2588-1582 .www.najfnr.org
- A. Berkani , D. Mahdi , S Allaoua , **A. Benbott**. Changes in Blood Biochemical and Mineral Parameters of Ouled Djellal Ewes under the Semi-Arid Environment of North–Eastern Algeria during Late Pregnancy a Early Post-Partum. *World Journal of Environmental Biosciences.* (2018); (7) 4: 71-76 .www.environmentaljournals.org
- HAKIMA BELDI, LYNDA GALI , **AMEL BENBOTT** , AMEL BOUDECHICHA , CHAWKI BENSOUICI , ABDELOUAHAB YAHIA , NADIA BENZIDANE . Variation of Phenolic Content and Bioactivity between the Different Organs of the Algerian *Capparis Spinosa* L. *Indian Journal of Novel Drug Delivery* (2022) 14(3), Jul-Sep, 2022, 164-173
- Karouche Saida, **Benbott Amel**, Rouar Salim Djouad Marwa, Hafiane Chaima. EPIDEMIOLOGICAL AND CLINICAL CHARACTERISTICS OF COVID-19 IN EASTERN ALGERIA. *PRZEGL EPIDEMIOL* 2022;76(2): 149-154 <https://doi.org/10.32394/pe.76.14>
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- Hakima Beldi, **Amel Benbott**, Abdelouahab Yahia, Sofiane Geuttaf, Chawki Bensouici Contribution to the pharmacological valorization of the roots of *Capparis spinosa* L. from Mila region. *Inter. J. Nat. Resour. Env.* : Vol. 4, No. 1, pp. 1-9 (2022)

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<https://doi.org/10.51847/0ShxsdgtLC>
- Saida Karouche , Sarra Henouda , **Amel Benbott** , Kaouther Mihrab Contribution to the study of bioactive substances and biological activities of the species Rosmarinus officinalis-L . Inter. J. Nat. Resour. Env. : (2021). 3(1): 53-60. <https://ijnre.univ-adrar.dz>
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Revue des Bio Ressources 2021 ;11(1) : 23-32 . <https://revues.univ-ouargla.dz/index.php/>
- Sabah BOUKERIA, Hassiba BOUGUERIA, **Amel BENBOTT**. Comparative study of the antioxidant activity of Curcuma longa L. and an azo dye dye. International Journal of Human Settlements Vol. 5 Nr. 2 2021. <https://www.aneau.org/ijhs/>
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- BOUKERIA S., **BENBOTT A.**, KADI K., DEBBACHE K. et GUENICHE A. .Etude phytochimique et évaluation de l'activité anticoagulante des composés phénoliques du curcuma longal. Revue des Bio Ressources 2019 ;10(9) : 45-55 <https://revues.univ-ouargla.dz/index.php/>
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www.environmentaljournal.org
- **A. Benbott**, C. Mosbah, K. Derouiche, Y. Moumen, S. Boukeria, A. Yahia. Anti-diabetic Activity of Aqueous Extract of Peganum Harmala Roots Streptozotocin-induced Diabetic Rats. Journal of Chemical and Pharmaceutical Research (2018) 10(6): 104-109. www.jocpr.com

- [A. Benbott](#), K.Derouiche, C. Mosbah, , Y. Moumen. Acute toxicity of alkaloids extracted in the wistar albino. The North African Journal of Food and Nutrition Research 02(01): A1-A27. ISSN:2588-1582 .www.najfnr.org
- A. Berkani , D. Mahdi , S Allaoua , [A. Benbott](#). Changes in Blood Biochemical and Mineral Parameters of Ouled Djellal Ewes under the Semi-Arid Environment of North–Eastern Algeria during Late Pregnancy a Early Post-Partum. World Journal of Environmental Biosciences. (2018); (7) 4: 71-76 .www.environmentaljournal.org

Interests and Qualifications

- **Interests:**
- Exploitation of plant wealth in the food and pharmaceutical industries
- Issuing books in the field of specialization
- **Qualifications:** Postgraduate degrees in higher education