

Dr Bachir BENARBA

19 Rue Cheikh Bouras
29000 Mascara

Age :39 yrs
Married, 4 kids

**Scientific Certification:**

Degree science	University	Date
Specialized post-graduate studies : new information and communication technologies	ENS Kouba- Algeria	2017
Higher accreditation to supervise academic research (HDR)	Mascara - Algeria	2015
Doctorate in Biochemistry	Oran - Algeria	2006-2013
Magister in Biotechnology applied on health	Mascara - Algeria	2003-2006
Engineering in food sciences	Mascara- Algeria	1999-2003

International courses:

Course	Organism	Date
Food, Nutrition, Health	Open university- Australia	2014
Principles of International Laws on Environment	United Nations Institute for Training and Research	2010
E-learning specialist	Fondation COSELEARN, Université de Genève (Suisse)	2009- 2010
LEADER, European Model for local development	Centro de Estudios Rurales y de Agricultura Internacional - Spain	2006- 2007
Groups' dynamic	Centro de Estudios Rurales y de Agricultura Internacional - Spain	2006- 2007

Career

No.	Career	From -To
1	Technical Head of international cooperation project “Introduction of the model LEADER in Algeria” Financed by AECI-Spain Executed by CERAI-Spain	2006-2009
2	Associated Professor of Econometry (University of Mascara)	2006-2008
2	Professor of Biology (University of Mascara)	2008-Now
3	Head of the Department of Biology	2013-Now

Scientific publications

1. **Benarba, B.**, Ambroise, G., Aoues, A., Meddah B., Vazquez, A., 2012. *Aristolochia longa* aqueous extract triggers the mitochondrial pathway of apoptosis in BL41 Burkitt's lymphoma cells. *International Journal of Green Pharmacy*. 6, 45-49.
2. **Benarba, B.**, Meddah B., Aoues, A., 2012. *Bryonia dioica* aqueous extract induces apoptosis through mitochondrial intrinsic pathway in BL41 Burkitts lymphoma cells. *J Ethnopharmacology*. 141, 510-516.
3. **Benarba, B.**, Meddah B., 2013. Biological activities of the genus *Aristolochia*: a mini review. *J Physiobiochem metab*. 2(1), 1-4.
4. **Benarba, B.**, Meddah, B., Hamdani, H., 2014. Cancer incidence in North West Algeria (Mascara) 2000-2010: results from a population-based cancer registry. *Excli J*.13, 709-723.
5. **Benarba, B.**, Meddah, B., Tir-Touil, A., 2014. Response of bone resorption markers to *Aristolochia longa* intaked by Algerian breast cancer postmenopausal women. *Adv Pharmacol Sc*. 2014, 1-4.
6. **Benarba, B.**, Meddah, B., 2014. Ethnobotanical study, antifungal activity, phytochemical screening and total phenolic content of Algerian *Aristolochia longa*. *J Intercultural Ethnopharmacol*. 3, 150-154.
7. Moumen-Chentouf, W., Benzekoura, S., Chouiref, S., **Benarba, B.**, 2015. Prevalence and characterization of urinary tract infections among Algerian diabetics. *J Chem*

Pharmaceut Res 7(4), 963-966.

8. **Benarba B.**, Belabid, L., Righi, K., Bekkar, A.A., Elouissi, M., Khaldi, A., Hamimed, A., 2015. Study of medicinal plants used by traditional healers in Mascara (North West of Algeria). *J. Ethnopharmacol.* 175, 626-637.
9. **Benarba B.**, 2015. Ethnomedicinal study of *Bryonia dioica*, a plant used as anti-breast cancer herbal therapy in North West Algeria. *Journal of Medicinal Herbs and Ethnomedicine* 1, 113-115.
10. **Benarba B.**, 2015. Use of medicinal plants by breast cancer patients in Algeria. *Excli J.* 14, 1164-1166.
11. **Benarba B.**, 2016. Medicinal plants used by traditional healers from South-west Algeria: an ethnobotanical study. *J Intercult Ethnopharmacol.* 5(4), 320–330.
12. **Benarba B.**, 2016. Traditional medicine and use of bone biomarkers in Biomarkers in V.R. Preedy (ed.), *Biomarkers in Bone Disease, Biomarkers in Disease: Methods, Discoveries and Applications*. Springer Science+Business Media Dordrecht 2015 DOI 10.1007/978-94-007-7745-3_16-1.
13. **Benarba B.**, Pandiella A., El Mahy M., 2016. Anticancer activity, phytochemical screening and acute toxicity evaluation of an aqueous extract of *Aristolochia longa* L. *International Journal of Pharmaceutical and Phytopharmacological Research.* 5 (4): 1-7.
14. **Benarba B.**, 2018. Red and processed meat and risk of colorectal cancer: an update. *EXCLI Journal.* 17:806-811
15. **Benarba B.**, Pandiella A., 2018. Colorectal cancer and medicinal plants: Principle findings from recent studies. *Biomedicine & Pharmacotherapy.* 107: 408-423.
16. **Benarba B., Mendas O., Righi S.**, 2018. Phytochemical analysis, antioxidant and antifungal activities of *Annona cherimola* Mill. fruit pulp. *North African Journal of Food and Nutrition Research.* 2(4): 120-128.
17. **Benarba B.**, Pandiella A., El Mahy M., 2018. *Bryonia dioica* aqueous extract induces apoptosis and G2/M cell cycle arrest in Breast cancer, MDA-MB 231 cells. *Molecular Medicine Report.* Accepted.
18. **Benarba B.**, 2016. Vitamin D and breast cancer, recent findings. A review. *Journal of Medicine.* Submitted.

19. **Benarba B.**, Gouri A., Dekaken A., Kandhro AH., Coulibaly M., Aissaoui A., Labeled N., Benharkat S., 2018. Hematologic Malignancies Therapy and Cardiotoxicity: Role of cardiac biomarkers. *Submitted*

■ Scientific communications

- *1^{er} Colloque International sur les substances naturelles et innovations thérapeutiques (University of Mascara) April, 22nd-23rd, 2008.*

Oral communication

Les polyamines, rôle diagnostique et thérapeutique en cancérologie

- *1^{er} Séminaire International Nutrition et Santé organisé (University of Tlemcen) December, 2009.*

Oral communication:

L'évaluation de la perte osseuse chez des femmes post ménopausiques atteintes du cancer du sein

- *5^{ème} Rencontre Scientifique de l'Association Tunisienne des Sciences de la Nutrition (ATSN- Tunisia) April 2010*

Oral communication

Étude des effets néphrologiques de quelques plantes médicinales algériennes

- *X^{ème} Symposium International Biotech World 2010 (University of Oran) April 2010)*

Poster

Effets néphrologiques d' *Aristolochia clematidis*, une plante médicinale locale, chez le rat Wistar

- *Congrès International sur les Plantes Aromatiques et Médicinales -CIPAM 2012- UDL, SBA. Mai 2012.*

Oral communication

Aristolochia longa aqueous extract induces apoptosis through the intrinsic mitochondrial pathway in BL41 Burkitt's lymphoma cells.

■ Reviewer activities : (Regular)

« Best reviewer » Journal of Acupuncture and Meridian Studies (Elsevier);

Tumor biology;

Hematology;

Cytotechnology;

Other journals.

■ **Editorial office member of:**

North Afr J Food Nutr Res (www.najfnr.org)

J Chem Pharm Res (www.jocpr.com) ;

J Biol Res Dev (<http://www.peertechz.com/Biological-Research-Development/>) ;

Int J Cur Toxin Res ;

Journal of Hematology and Oncology Research (http://oap-journals.org/journals/editorial_board.php?jid=25);

Journal of Medicinal Herbs and Ethnomedicine (<http://scienceflora.org/journals/index.php/jmhe/index>)

Journal of Medicinal Herbs and Ethnomedicine (<http://www.scopemed.org/?iid=2015-1&&jid=146&lng=>)

■ **International mobility**

CERAI – Spain: 2007;

INSERM – Unité des allogreffes, Paul Brousse Hospital, Paris, France : 2011

Unidad de Oncofarmacología, Centro de Investigación del Cáncer, Spain, Salamanca : 2014-2015.

■ **Research projects :**

Principal investigator of PNR-Innovation (ATRST – Algeria)

Researcher CNEPRU (ANDRU – Algeria)

Languages

Arabic (Maternal language)

English (Written, spoken)

French (Written, spoken)

Spanish (Written, spoken, DELE B1)