

EDITORIAL BOARD

Editor-In-Chief

- Pr. Meghit Boumedlene KHALED

Editorial Office Manager

- Dr. Mustapha DIAF

Specialty Co-Editors

- Pr. Henrietta Ene-Obong
- Pr. Leila HOUTI
- Pr. Miloud SLIMANI
- Pr. Hassan AGUENAOU
- Pr. Kaddour BOUDEROUA
- Dr. Mustapha DIAF
- Pr. Jaafar HEIKEL
- Pr. Rachida ALLEM
- Pr. Khodir MADANI
- Pr. Rekia BELAHSEN
- Dr. Mohamad Ghassan ABIAD
- Pr. Khedidja MEKKI
- Pr. Chafia TOUIL-BOUKOUFFA
- Pr. Malika BENDAHMANE
- Pr. Amos LAAR

Editorial Office Assistants

- Mr. Salah Eddine EL HERRAG

Contact

Website: <https://www.najnr.org>
Email: najnr@najnr.com
Tel: +213 696 495 465 / +213 551 152 261
Djillal Liabes University, BO: 89
Sidi-Bel-Abbes, 22000. ALGERIA



Editorial Introduction

Pr. Meghit Boumediene KHALED

Department of Biology, Faculty of Life and Natural Sciences,
Djillali Liabes University, P.O. Box 89, Sidi-Bel-Abbes, Algeria
e-mail: khaled@khaledmb.co.uk Tel: +213 551 152 261

On behalf of the Board, I am delighted to announce the launch of Volume 03 Issue 05 of the first journal dedicated to the African countries and Mediterranean region "*The North African Journal of Food and Nutrition Research (NAJFNR)*". An open access and international peer-reviewed journal, which publishes original (not previously published) work of exceptional quality and interest and which intends to give a wide-ranging coverage of research, views, and reviews on nutrition and its effects in relation to human health and disease. The *NAJFNR* will include all nutrition field research in humans and various disease model organisms and will be of interest to the basic researcher as well as to physician scientists and clinicians.

Sixteen (16) main specialties are involved:

- Food Composition and Dietary Intake Assessment;
- Epidemiology, and the Prevalence of Related Disorders such as Obesity, Diabetes, Dyslipidemias, etc.;
- Biochemistry and Cellular Metabolism of Nutrients;
- Dietary Strategies and Nutrition Education;
- Food Security and Challenges;
- Food Behavior and Quality of Life;
- Public Health Policy & Health Economics;
- Nutrition and Cancer;
- Food Chemistry and Engineering;
- Human and Clinical Nutrition;
- Food Processing and Packaging;
- Nutrition, Physical Activity and Sport;
- Infant, Child, and Adolescent Nutrition;
- Nutrition and Immune-regulation;
- Nutrition and Reproduction;
- Food Environment and NCDs;

The NAJFNR is published online with an option for open access. All articles will be promptly peer-reviewed by leading experts. We expect NAJFNR to attract manuscripts of the highest quality in order to be of the greatest possible benefit to its readers.

In this journal, we offer an opportunity for scientists across various disciplines in human nutrition and metabolism to share their knowledge and expertise to a wider range of audience. All articles will be accessible without any access boundaries to all internet users worldwide. The journal will certainly be competing head-on with a number of existing subscription based journals but clearly there is a niche for this new journal.

The *NAJFNR* is following the International Committee of Medical Journal Editors (ICJME) recommendations <http://www.icmje.org/journals-following-the-icmje-recommendations/#N> and is under the Creative Commons Attribution 4.0 International license (CC BY 4.0).

Pr. Khaled M.B.

Editor-in-Chief and Founder

North African Journal of Food and Nutrition Research

<https://www.najfnr.org>

Published online: 27.06.2017

Access this article online	
Quick Response Code:	Website: www.najfnr.org
	
https://doi.org/10.5281/zenodo.1312178	



Making Nutrition a Development Priority in Africa

eISSN: 2588-1582



Contents lists available at:
Journal homepage: <https://www.najfnr.org>

Table of Content

January - June: 2019: Volume 03: Issue 05. p 129-179

List of Editors

Editorial Board

Editorial Office 129

Review Article

Association between carotenoids and prostate cancer risk: A Meta-Analysis.

BENKHADDA H, BOUCHENOUF M, and EL HERRAG S.E. 131

Original Article

Comparison of five solvents in the extraction of phenolic antioxidants from pomegranate (*Punica granatum L.*) peel

KENNAS A, AMELLAL-CHIBANE H. 140

Original Article

Comparative study of total phenolic content and antioxidant proprieties of Quercus fruit: flour and oil

MAKHLOUF FZ, SQUEO G, BARKAT F. PASQUALONE A, CAPONIO F. 148

Original Article

Association of obesity with the lower limbs osteoarthritis in a community of women from El Jadida province in Morocco

ELFANE H, MZIWIRA M, SAHEL K, EL JAMAL S, EL MAHRI N, ARKOUBI IDRISSE L, KALILI A, ERRABAH N, MOUSTAKIM R, ELOUAFI R, NACIRI K, AHAJI A, EL AYACHI M, BELAHSEN R..... 156

Original Article

Association of Socioeconomic status, Dietary behavior and Obesity among Moroccan Adults of the Region of Rabat: A case-control study

BAJIT H, BENKIRANE H, BOUZIANI A, MOUZOUNI F.Z, BOUAITI E, BELGHITI H, MRABET M, BARKAT A, AGUENAOU H. 164

Original Article

Calcium status in Moroccan children and adolescents assessed by 24-hour urinary excretion

BOUZIANI A, SAEID N, IDRISSE M, EL MZIBRI M, BENDJEDDOU K, EL BERRI H, ELHAMDOUCHI A, EL YAHYAOU I A, EL KARI K, BENKIRANE H, AGUENAOU H. 172