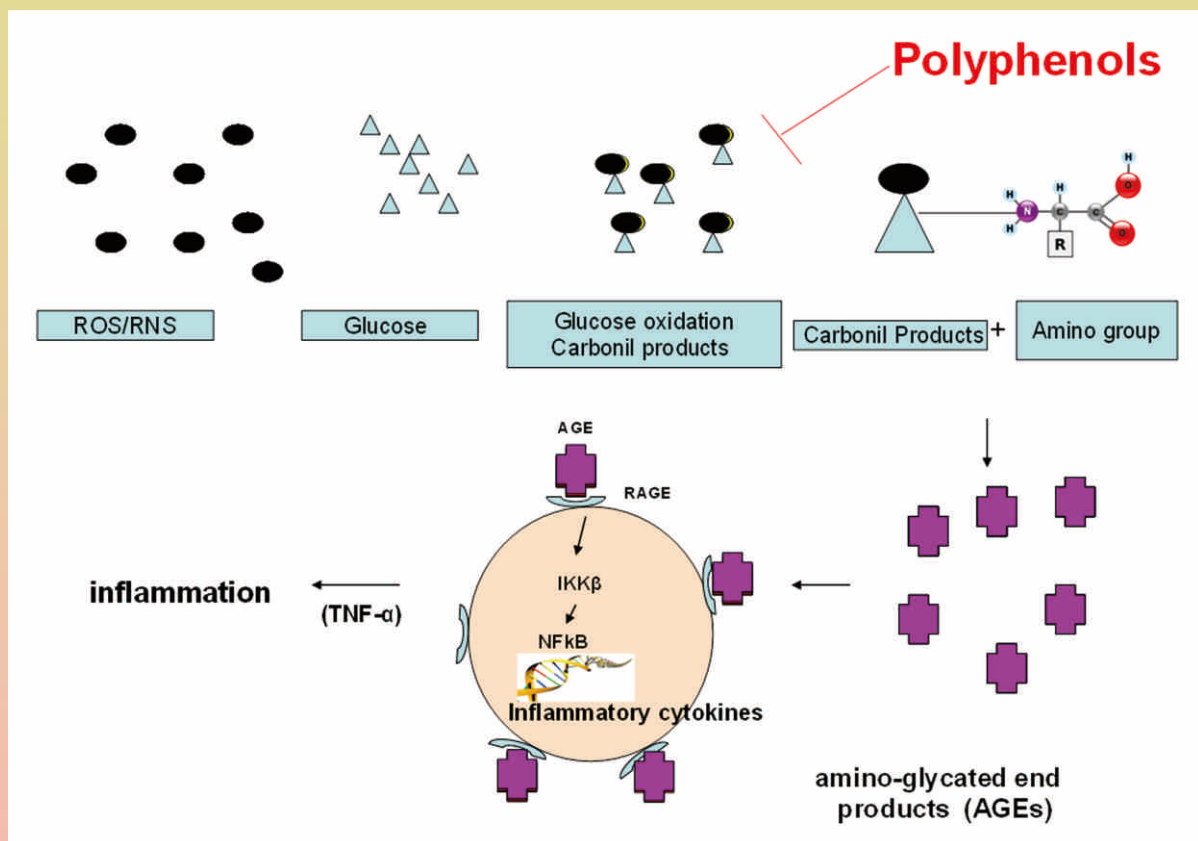


Food and Nutrition Sciences



ISSN: 2157-944X



Journal Editorial Board

ISSN Print: 2157-944X ISSN Online: 2157-9458

<http://www.scirp.org/journal/fns>

Editor-in-Chief

Prof. Alessandra Bordoni

University of Bologna, Italy

Associate Editors-in-Chief

Prof. Xufeng Huang

University of Wollongong, Australia

Prof. Michael G. Kontominas

University of Ioannina, Greece

Editorial Board

Dr. Kayanush J. Aryana

Louisiana State University, USA

Dr. Nick Bellissimo

Ryerson University, Canada

Dr. Lauri O. Byerley

Louisiana State University, USA

Prof. Kelvin J. A. Davies

University of Southern California, USA

Prof. Asim K. Duttaroy

University of Oslo, Norway

Dr. Anthony Fardet

Institut National de la Recherche Agronomique, France

Prof. Tomas Girbes

University of Valladolid, Spain

Dr. Beau K. Greer

Sacred Heart University, USA

Dr. Jeffrey S. Hampl

Arizona State University, USA

Prof. Yong He

Zhejiang University, China

Dr. Kimberly B. Heidal

East Carolina University, USA

Prof. Yu Huang

Chinese University of Hong Kong, China

Prof. Federico Infascelli

University of Naples Federico II, Italy

Dr. Jagat R. Kanwar

Deakin University, Australia

Dr. Dalia El Khoury

University of Toronto, Canada

Prof. Patricia A. Kruk

University of South Florida, USA

Dr. Jean-Claude Lavoie

University of Montreal, Canada

Dr. Josef Friedhelm Marx

University of Bonn, Germany

Dr. Francisco Javier Moreno

Autonomous University of Madrid, Spain

Prof. Hasan Mukhtar

University of Wisconsin, USA

Dr. Maurice O'Sullivan

University College Cork, Ireland

Dr. Mustafa Zafer Özel

The University of York, UK

Dr. Uma Devi Palanisamy

Monash University Sunway Campus, Australia

Prof. Young W. Park

Fort Valley State University, USA

Dr. Salina Parveen

University of Maryland Eastern Shore, USA

Dr. Reza Poureslami

Insta-Pro International, USA

Dr. Jayadev Raju

Health Canada, Canada

Prof. Charles R. Santerre

Purdue University, USA

Dr. Vicki L. Schlegel

University of Nebraska-Lincoln, USA

Dr. Mykola Shynkaryk

The Ohio State University, USA

Dr. Geeta Sikand

University of California, USA

Dr. Heidi J. Silver

Vanderbilt University, USA

Prof. Jesus Simal-Gandara

University of Vigo, Spain

Prof. Linda G. Snetselaar

The University of Iowa, USA

Dr. Lucy Thairu

Touro University, USA

Dr. Brijesh Kumar Tiwari

Manchester Metropolitan University, UK

Prof. Alan C. Tsai

Asia University, Chinese Taipei

Dr. Thomas T. Y. Wang

Johns Hopkins University, USA

Dr. Ali Abas Wani

Technical University of Munich, Germany

Dr. Jack Wing Tak Wong

Stanford University School of Medicine, USA

Table of Contents

Volume 5 Number 11

June 2014

Perception of Anemic Women Instead of Herbal Medicine and Dietetics in Treatment of Nutritional Anemia

F. B. Slama, S. Médini, N. B. Mansour, R. Chamli, H. Aounallah-Skhiri, M. Hsairi, O. Belhadj.....971

Effect of Wholemeal Durum Wheat Varieties on Bread Quality

A. Danza, M. Mastromatteo, L. Lecce, S. Spinelli, J. Laverse, V. Lampignano, F. Contò, M. A. Del Nobile.....977

Toxicological Evaluation of Dietary Garlic (*Allium sativum*) Powder in European Sea Bass *Dicentrarchus labrax* Juveniles

L. C. Irkin, M. Yigit, S. Yilmaz, M. Maita.....989

Conditioned Taste Aversion Diminishes Sugar Intake

A. G. M. Moreno, A. López-Espinoza, I. de L. López, L. V. S. Santos, F. Hernández-Leonardo.....997

High Fructose Corn Syrup and Sucrose Sweetened Milk Improve Dietary Quality during Weight Loss by Displacing Energy Dense, Nutrient Poor Foods

S. Sinnett, J. Lowndes, V. Nguyen, N. Lv, J. Rippe.....1005

Identification of Sugar, Amino Acids and Minerals from the Pollen of Jandaíra Stingless Bees (*Melipona subnitida*)

G. R. da Silva, T. B. da Natividade, C. A. Camara, E. M. S. da Silva, F. de A. R. dos Santos, T. M. S. Silva.....1015

Antioxygenic Activity of *Solanum nigrum* L. Leaves in Sunflower Oil Model System and Its Thermal Stability

A. Padmashree, G. K. Sharma, A. D. Semwal, C. Mahesh.....1022

Chemical Quality Indexes of Mullet (*Mugil platanus*) Stored on Ice

S. da C. S. Andrade, E. T. Mársico, R. L. de O. Godoy, S. Pacheco, R. M. Franco, S. B. Mano, C. A. Conte-Junior.....1030

Influence of Phase Behavior and Miscibility on Mechanical, Thermal and Micro-Structure of Soluble Starch-Gelatin Thermoplastic Biodegradable Blend Films

E. A. Soliman, M. Furuta.....1040

Cardiovascular Risk of Community-Dwelling Elderly from a City in Northeastern Brazil: Correlations with Vitamin D and Parathormone

L. R. de Carvalho, C. M. R. G. de Carvalho, S. M. L. Ribeiro, I. F. de Oliveira C. Nunes, R. G. Figueredo,
A. M. Barbosa, F. E. de Oliveira, D. do Nascimento Marreiro, M. D. F. de Carvalho, J. M. M. Neto.....1056

Polyphenols in Fruits and Vegetables and Its Effect on Human Health

G. P. P. Lima, F. Vianello, C. R. Corrêa, R. A. da S. Campos, M. G. Borguini.....1065

Improvement in Nutritional Status of Protein-Malnutrition Elderly after Intervention Using a Casein-Based Balanced Liquid Nutrition Formula as Nutritional Support

K. Mizumoto, X. D. Xiong, H. Yan, X. L. Wang, Z. S. Ji, H. Sasaki.....1083

Food and Nutrition Sciences (FNS)

Journal Information

SUBSCRIPTIONS

The *Food and Nutrition Sciences* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$89 per copy.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

COPYRIGHT AND REUSE RIGHTS FOR THE FRONT MATTER OF THE JOURNAL:

Copyright © 2014 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

COPYRIGHT FOR INDIVIDUAL PAPERS OF THE JOURNAL:

Copyright © 2014 by author(s) and Scientific Research Publishing Inc.

REUSE RIGHTS FOR INDIVIDUAL PAPERS:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

DISCLAIMER OF LIABILITY

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

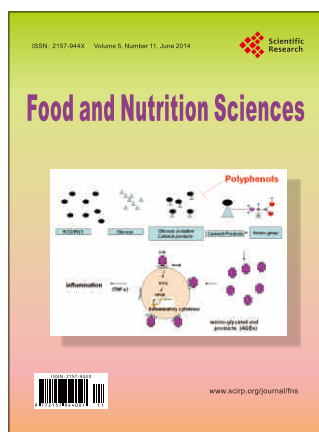
E-mail: fns@scirp.org

Call for Papers

Food and Nutrition Sciences

ISSN Print: 2157-944X ISSN Online: 2157-9458

<http://www.scirp.org/journal/fns>



Food and Nutrition Sciences (FNS) is a peer reviewed international journal dedicated to the latest advancement in related areas. The goal of this journal is to keep a record of the state-of-the-art research and to promote study, research and improvement within its various specialties.

Subject Coverage

All manuscripts submitted to FNS must be previously unpublished and may not be considered for publication elsewhere at any time during FNS's review period. Additionally, accepted ones will immediately appear online followed by printed in hard copy. Topics to be covered by this journal include, but are not limited to:

- Animal Nutrition
- Antioxidants and Phytochemicals in Food
- Byproducts Processing and Utilization
- Calorie Intake and Consumption
- Carbohydrates and Fibers
- Clinical Nutrition
- Consumer Choice, Preferences, and Concerns
- Diets and Diseases
- Eating Disorders
- Food Chemistry, Engineering and Microbiology
- Food Conservation and Preparation
- Food Machinery
- Food Packaging
- Food Processing Technology
- Food Safety and Hygiene
- Food Science and Technology
- Grain and Oil Engineering
- Healthy Eating Initiatives
- Hormonal Regulations
- Malnutrition
- Maternal and Infant Nutrition
- Metabolism and Nutrition Physiology
- Molecular Gastronomy
- Nutrient Metabolism
- Nutrition and Immunology
- Obesity
- Proteins and Amino Acids
- Public Health Nutrition
- Sensory Analysis
- Sports Nutrition
- Vitamins and Minerals

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of FNS.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

<http://www.scirp.org/journal/fns>

E-mail: fns@scirp.org