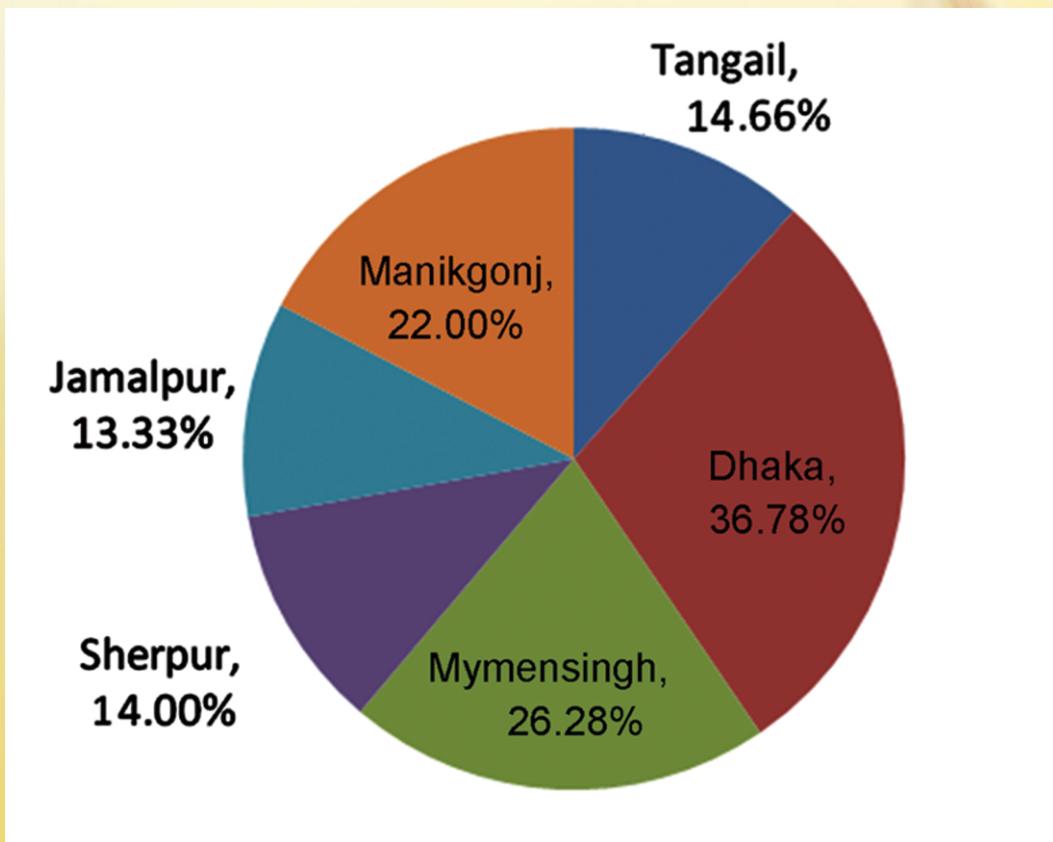


# Food and Nutrition Sciences



# 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

<b>Dr. Kayanush J. Aryana</b>	Louisiana State University, USA
<b>Dr. Nick Bellissimo</b>	Ryerson University, Canada
<b>Dr. Lauri O. Byerley</b>	Louisiana State University, USA
<b>Prof. Kelvin J. A. Davies</b>	University of Southern California, USA
<b>Prof. Asim K. Duttaroy</b>	University of Oslo, Norway
<b>Dr. Anthony Fardet</b>	Institut National de la Recherche Agronomique, France
<b>Prof. Tomas Girbes</b>	University of Valladolid, Spain
<b>Dr. Beau K. Greer</b>	Sacred Heart University, USA
<b>Dr. Jeffrey S. Hampl</b>	Arizona State University, USA
<b>Prof. Yong He</b>	Zhejiang University, China
<b>Dr. Kimberly B. Heidal</b>	East Carolina University, USA
<b>Prof. Yu Huang</b>	Chinese University of Hong Kong, China
<b>Prof. Federico Infascelli</b>	University of Naples Federico II, Italy
<b>Dr. Jagat R. Kanwar</b>	Deakin University, Australia
<b>Dr. Dalia El Khoury</b>	University of Toronto, Canada
<b>Prof. Patricia A. Kruk</b>	University of South Florida, USA
<b>Dr. Jean-Claude Lavoie</b>	University of Montreal, Canada
<b>Dr. Josef Friedhelm Marx</b>	University of Bonn, Germany
<b>Dr. Francisco Javier Moreno</b>	Autonomous University of Madrid, Spain
<b>Prof. Hasan Mukhtar</b>	University of Wisconsin, USA
<b>Dr. Maurice O'Sullivan</b>	University College Cork, Ireland
<b>Dr. Mustafa Zafer Özal</b>	The University of York, UK
<b>Dr. Uma Devi Palanisamy</b>	Monash University Sunway Campus, Australia
<b>Prof. Young W. Park</b>	Fort Valley State University, USA
<b>Dr. Salina Parveen</b>	University of Maryland Eastern Shore, USA
<b>Dr. Reza Poureslami</b>	Insta-Pro International, USA
<b>Dr. Jayadev Raju</b>	Health Canada, Canada
<b>Prof. Charles R. Santerre</b>	Purdue University, USA
<b>Dr. Mykola Shynkaryk</b>	The Ohio State University, USA
<b>Dr. Heidi J. Silver</b>	Vanderbilt University, USA
<b>Prof. Jesus Simal-Gandara</b>	University of Vigo, Spain
<b>Prof. Linda G. Snetselaar</b>	The University of Iowa, USA
<b>Dr. Lucy Thairu</b>	Touro University, USA
<b>Dr. Brijesh Kumar Tiwari</b>	Manchester Metropolitan University, UK
<b>Prof. Alan C. Tsai</b>	Asia University, Chinese Taipei
<b>Dr. Thomas T. Y. Wang</b>	Johns Hopkins University, USA
<b>Dr. Ali Abas Wani</b>	Technical University of Munich, Germany
<b>Dr. Jack Wing Tak Wong</b>	Stanford University School of Medicine, USA

## Table of Contents

Volume 6 Number 1

January 2015

### The Role of Soluble, Insoluble Fibers and Their Bioactive Compounds in Cancer: A Mini Review

- D. Papandreou, Z. T. Noor, M. Rashed.....1

### Assessment of the Nutritional Status of 202 Elderly People Living at Home in Sidi-Bel-Abbès (Western Algeria)

- N. Menadi, G. Kelkoul, I. Hassani, B. Merrakchi, S. Belbraouet.....12

### Antioxidant Activity Assessment and Color Analysis of Skin from Different Peach Varieties Grown in South Carolina

- Y. Y. Zhang, I. Han, P. Dawson.....18

### Prevalence of Peanut Allergy in Offspring of Peanut Farmers

- A. Jagdis, G. Liss, S. Maleki, P. Vadas.....29

### Protein Quality of Amaranth Grains Cultivated in Ethiopia as Affected by Popping and Fermentation

- E. Amare, C. Mouquet-Rivier, A. Servent, G. Morel, A. Adish, G. D. Haki.....38

### Mothers' Knowledge Regarding Preventive Measures of Food Poisoning in Yemen

- W. A. M. Ahmed.....49

### Nutritional Status and Dietary Habits of School Children in Beni-Suef Governorate, Egypt

- S. B. Abdelaziz, M. R. L. Youssef, A. S. Sedrak, J. R. Labib.....54

### Total Phenols and Flavonoids Content, Antioxidant Capacity and Lipase Inhibition of Root and Leaf Horseradish (*Armoracia rusticana*) Extracts

- L. Calabrone, M. Larocca, S. Marzocco, G. Martelli, R. Rossano.....64

### Nutritional Screening in a University Hospital: Comparison between Oncologic and Non-Oncologic Patients

- S. F. C. Cunha, L. S. Tanaka, R. G. Salomão, D. M. Macedo, T. D. Santos, F. M. Peria.....75

### Physico-Chemical, Organolyptical and Microbiological Characteristics of Substituted Cupcake by Potato Processing Residues

- I. Khalifa, H. Barakat, H. A. El-Mansy, S. A. Soliman.....83

### No Dose Response Relationship in the Effects of Commonly Consumed Sugars on Risk Factors for Diabetes across a Range of Typical Human Consumption Levels

- J. Lowndes, D. Kawiecki, Z. P. Yu, J. M. Rippe.....101

**Non-Carbohydrate Components on the Surface of Starch Granules According to the Hardness of Wheat**

I. Kwaśniewska-Karolak, J. Rosicka-Kaczmarek, E. Nebesny, M. Stasiuk.....112

**A Comparative Study of Present Status of Marketing of Formalin Treated Fishes in Six Districts of Bangladesh**

R. Islam, S. Mahmud, A. Aziz, A. Sarker, M. Nasreen.....124

**Chemical Composition of the Marc of a Wild Tropical Plant *Tacca involucrata* (Schumach and Thonn, 1827)**

J. A. Bosha, A. O. Anaga, I. U. Asuzu.....135

**Apple Extracts Present Catabolic and Hipocolesterolemic Effect in Mice**

M. Poblete, A. Neira, R. Huilcamán, I. Palomo, J. A. Yuri, R. Moore-Carrasco.....141

**Evaluation of Pre-Cecal, Ileal Digestibility and Glycemic Response in Fistulated Horses Fed with Different Starch Sources**

A. A. O. Gobesso, M. Etchichury, J. E. de Freitas Jr., F. P. Rennó, H. Tosi.....151

**Analysis on the Nutrition Composition and Antioxidant Activity of Different Types of Sweet Potato Cultivars**

H. Ji, H. X. Zhang, H. T. Li, Y. C. Li.....161

**Intake of Cl, Br, I, Se in Human Body with Food in Central Regions of the European Part of Russia**

A. V. Gorbunov, S. M. Lyapunov, M. Frontasyeva, S. S. Pavlov.....168

**Antioxidant Properties of Rosemary and Its Potential Uses as Natural Antioxidant in Dairy Products—A Review**

A. S. Gad, A. F. Sayd.....179

## **Food and Nutrition Sciences (FNS)**

### **Journal Information**

#### **SUBSCRIPTIONS**

The *Food and Nutrition Sciences* (Online at Scientific Research Publishing, [www.SciRP.org](http://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](mailto:sub@scirp.org)

#### **SERVICES**

##### **Advertisements**

Advertisement Sales Department, E-mail:[service@scirp.org](mailto:service@scirp.org)

##### **Reprints (minimum quantity 100 copies)**

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

E-mail:[sub@scirp.org](mailto:sub@scirp.org)

#### **COPYRIGHT**

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

Copyright © 2015 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 © 2015 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.

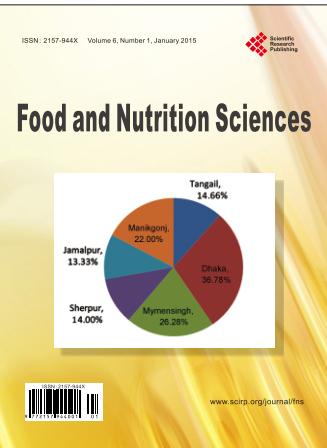
#### **DISCLAIMER OF LIABILITY**

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](mailto: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](mailto:fns@scirp.org)