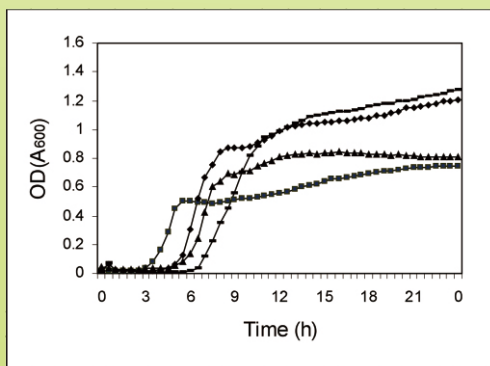
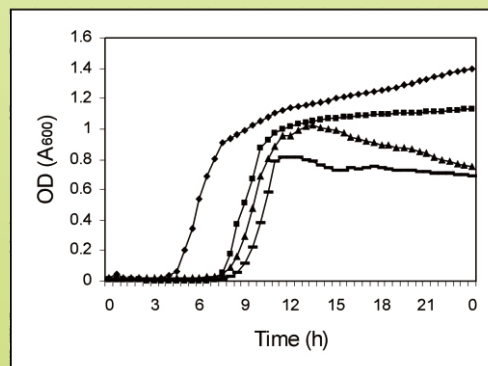


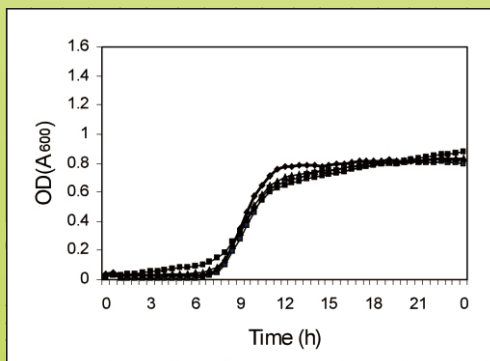
Food and Nutrition Sciences



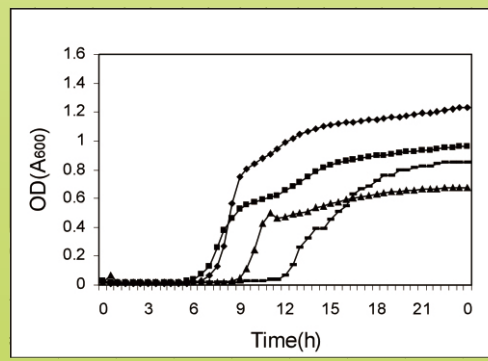
(a)



(b)



(c)



(d)

ISSN: 2157-944X



Journal Editorial Board

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

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

Editor-in-Chief

Dr. Amandio Vieira Simon Fraser University, Canada

Associate Editors-in-Chief

Prof. Michael G. Kontominas University of Ioannina, Greece

Prof. Yousheng Li Nanjing University, China

Editorial Board

Dr. Nick Bellissimo	Ryerson University, Canada
Prof. Kelvin J. A. Davies	University of Southern California, USA
Prof. Asim K. Duttaroy	University of Oslo, Norway
Prof. Giulia Guerriero	University of Naples Federico II, Italy
Prof. Yong He	Zhejiang University, China
Prof. Yu Huang	Chinese University of Hong Kong, Hong Kong (China)
Prof. Federico Infascelli	University of Naples Federico II, Italy
Dr. Jagat R. Kanwar	Deakin University, Australia
Prof. Patricia A. Kruk	University of South Florida, USA
Prof. Jason E. Maddock	University of Hawaii, USA
Dr. Josef Friedhelm Marx	University of Bonn, Germany
Prof. Hasan Mukhtar	University of Wisconsin, USA
Prof. Young W. Park	Fort Valley State University, USA
Dr. Glen S. Patten	Commonwealth Scientific and Industrial Research Organization, Australia
Prof. Charles R. Santerre	Purdue University, USA
Dr. Geeta Sikand	University of California, USA
Dr. Lihua Song	Shanghai Jiao Tong University, China
Dr. Brijesh Kumar Tiwari	Manchester Metropolitan University, UK
Prof. Alan C. Tsai	Asia University, Chinese Taipei
Dr. Jian Wang	Nanjing University, China
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

Editorial Assistant

Tian Huang Scientific Research Publishing, USA Email: fns@scirp.org

TABLE OF CONTENTS

Volume 3 Number 2

February 2012

Effect of Dietary Lipids and Drumstick Leaves (*Moringa oleifera*) on Lipid Profile & Antioxidant Parameters in Rats

N. Oinam, A. Urooj, P. P. Phillips, N. P. Niranjana.....141

Antioxidant and Antibacterial Activities in the Leaf Extracts of Indian Borage (*Plectranthus amboinicus*)

P. Bhatt, P. S. Negi.....146

Body Composition and Energy Expenditure Changes during Weight Loss: An Exploratory Study

A. S. Thomas, J. E. Holden, J. C. Chezem.....153

SRT1720, a SIRT1 Activator, Aggravates Bleomycin-Induced Lung Injury in Mice

S. Imanishi, R. Hayashi, T. Ichikawa, K. Suzuki, M. Sasahara, T. Kondo, H. Ogawa, K. Tobe.....157

Could Grasshoppers Be a Nutritive Meal?

J. Ramos-Elorduy B., J. M. P. Moreno, V. H. M. Camacho.....164

Content of Genome-Protective Micronutrients in Selected Fresh and Processed Foods in the Australian State of Victoria

C. Wijesundera, C. Margetts, P. Roupas, M. Fenech.....176

Production of Cocoa Butter Replacer by Dry Fractionation, Partial Hydrogenation, Chemical and Enzymatic Interesterification of Tea Seed Oil

S. Zarringhalami, M. A. Sahari, M. Barzegar, Z. Hamidi-Esfehani.....184

Comparison of Bacterial Profiles of Fish between Storage Conditions at Retails Using DGGE and Banding Pattern Analysis: Consumer's Perspective

C. T. Ge, C. S. Lee, Z. T. Yu, J. Lee.....190

Influence of Salt Concentration on Histamine Formation in Fermented Tuna Viscera (*Dayok*)

J. R. Besas, E. I. Dizon.....201

Effect of Lactic Acid Bacteria and Yeast Starter Cultures on the Soaking Time and Quality of "Ofada" Rice

O. Adeniran, O. Atanda, M. Edema, O. Oyewole.....207

Nutritional, Physicochemical and Microbial Quality of Ultrasound-Treated Apple-Carrot Juice Blends

J. F. Gao, H. P. V. Rupasinghe.....212

Enhancing the Hygienic Quality of Some Ghanaian Food Products by Gamma Irradiation

A. Adu-Gyamfi, V. Appiah.....219

Effect of Cultivar on Quality Attributes of Sweet Potato Fries and Crisps

N. Ali, K. O. Falade, J. O. Akingbala.....224

Mixes of Carrot Juice and Some Fermented Dairy Products: Potentiality as Novel Functional Beverages

A. E. El-Abasy, H. A. Abou-Gharbia, H. M. Mousa, M. M. Youssef.....233

Olive and Corn Oil Enriched Diets Changed the Phospholipid Fatty Acid Composition in Mice Liver after One-Third Hepatectomy

J. Giacometti, A. B. Tomljanovic, C. Milin, M. Cuk, B. R. Stasic.....240

Effect of Opium on Lipid Profile and Expression of Liver X Receptor Alpha (LXR α) in Normolipidemic Mouse

A. Mohammadi, E. A. Oshaghi, A. N. Sorkhani, F. Oubari, R. H. Kia, A. Rezaei.....249

Effects of Walnut on Lipid Profile as Well as the Expression of Sterol-Regulatory Element Binding Protein-1c(SREBP-1c) and Peroxisome Proliferator Activated Receptors α (PPAR α) in Diabetic Rat

E. A. Oshaghi, A. N. Sorkhani, A. Rezaei.....255

Soy Consumption and Obesity

D. Roccisano, M. Henneberg.....260

Relationship of Dietary Soy Protein to Daidzein Metabolism by Cultures of Intestinal Microfloras from Monkeys

F. Rafii, J. B. Sutherland, B. M. Bridges, M. Park, M. R. Adams.....267

Association between the Adherence to AHA Step 1 Nutrition Criteria and the Cardiometabolic Outcome in the General Population—A Two Year Follow-Up Study

L. Redaelli, K. Garlaschelli, L. Grigore, G. D. Norata, A. L. Catapano.....274

The figure on the front cover is from the article published in *Food and Nutrition Sciences*, 2012, Vol. 3, No. 2, pp. 267-273 by Fatemeh Rafii, John B. Sutherland, Brad M. Bridges, Miseon Park and Michael R. Adams.

Food and Nutrition Sciences

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: \$39 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©2012 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

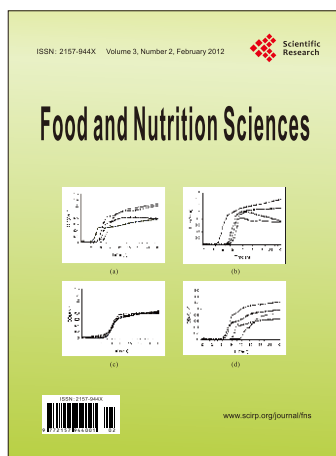
Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

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 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