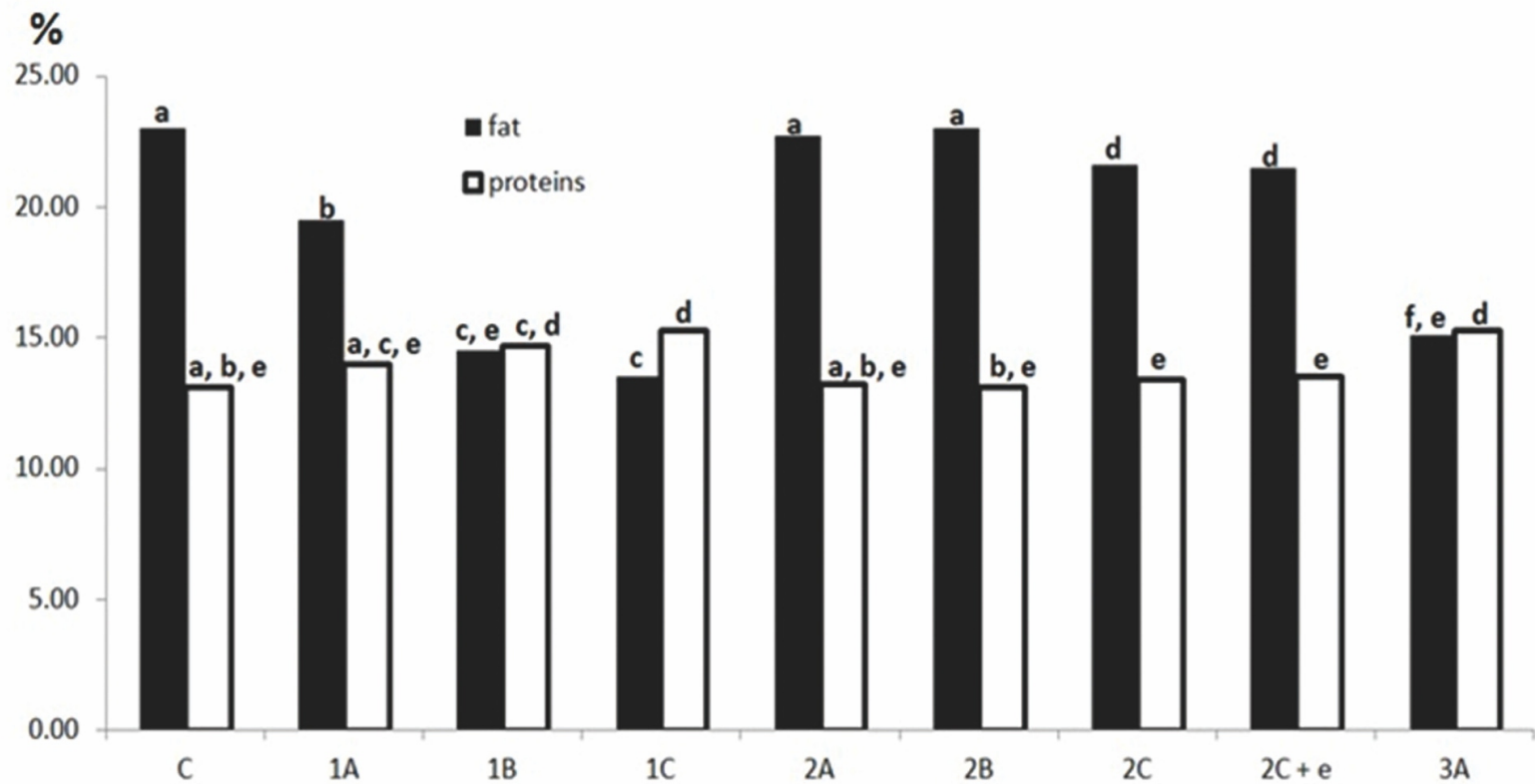


# Food and Nutrition Sciences

Special Issue on Meat and Meat Product



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. Kruck 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 7

March 2014

### Effect of Breed and Sex on Pork Meat Sensory Evaluation

S. Rodrigues, A. Teixeira.....599

### Microbial Safety of Dried Fish Meat (*Kejeik*) Produced in Sudan

A. M. E. Sulieman, Z. M. A. Hassan, E. A. Elkhalfa.....606

### Analysis of the Presence of *Clostridium perfringens* in Feed and Raw Material Used in Poultry Production

E. N. C. Tessari, A. L. S. P. Cardoso, A. M. I. Kanashiro, G. F. Z. Stoppa, R. L. Luciano, A. G. M. de Castro.....614

### Nutraceutical Properties of Meat from Grazing Podolian Young Bulls

R. Marino, M. Albenzio, A. della Malva, A. Braghieri, A. Sevi.....618

### Quality of Soppresata salami from Pugliese Pigs as Affected by Rearing System

M. Albenzio, A. Santillo, R. Marino, F. d'Angelo, M. Caroprese, A. Sevi.....626

### Effect of the Type of Pasture on the Meat Characteristics of Chilote Lambs

J. Ramírez-Retamal, R. Morales, M. E. Martínez, R. de la Barra.....635

### Fat Reduction and Replacement by Olive Oil in Bologna Type Cooked Sausage. Quality and Nutritional Aspects

F. Beiloune, T. Bolumar, S. Toepfl, V. Heinz.....645

### Assessment of the Quality and Shelf-Life in Enriched *n*3 PUFA Raw Beef Patties Using Dry Soybean Sprouts as Antioxidant

M. C. Romero, O. A. Garro, A. M. Romero, A. G. Michaluk, M. M. Doval, M. A. Judis.....658

## **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 © 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:

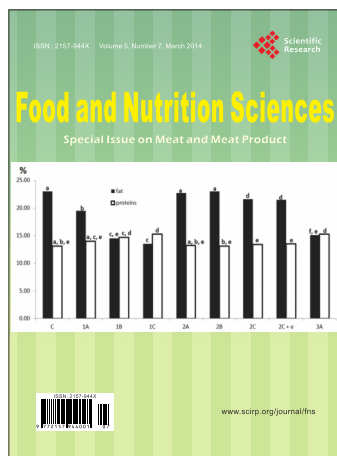
E-mail: [fns@scirp.org](mailto:fns@scirp.org)

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 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)



## *What is SCIRP?*

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science, by delivering superior scientific publications and scientific information solution provider that enable advancement in scientific research.

## *What is Open Access?*

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, world-wide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



Scientific  
Research

Website: <http://www.scirp.org>

Subscription: [sub@scirp.org](mailto:sub@scirp.org)

Advertisement: [service@scirp.org](mailto:service@scirp.org)