## **CONTENTS**

Vol 16, No 1 March 2011

Research Papers
Effect of Enzyme-Treated Radish Leaves on Lipid Metabolism in Rats Fed a High-Fat Diet
Antioxidant Activity and Irritation Test of Extracts Obtained from Angelica dahurica
Yang-Suk Lee and Nam-Woo Kim 8
Protective Effect of Sasa borealis Leaf Extract on AAPH-Induced Oxidative Stress in
LLC-PK1 Cells
Suppression of β-Secretase (BACE1) Activity and β-Amyloid Protein-Induced Neurotoxicity by Solvent Fractions from <i>Petasites japonicus</i> Leaves
Seung-Young Hong, Inshik Park, and Mira Jun 18
Comparison of the Antioxidative Effects and Content of Anthocyanin and Phenolic  Compounds in Different Varieties of Vitis vinifera Ethanol Extract  Sang Yoon Choi, Yeonmi Lee, Pyeongjae Lee, and Kyung Tack Kim
Determination of Phytochemical Contents and Biological Activities from the Fruits of  Elaeagnus multiflora
Jin Hwan Lee, Weon Taek Seo, and Kye Man Cho 29
Identification of Potential <i>Bacillus subtilis</i> Probiotics from Korean Soybean Paste and Their Antimicrobial and Immune Activities
Profiling of Volatile Components Using Gas Chromatography-Mass Spectrometry in Commercial Pine Needle ( <i>Pinus densiflora</i> S. and Z.) Powder
Joo-Shin Kim and Hau Yin Chung 45
Chemical and Textural Properties in Commercial Fermented Soybean Curds of Sufu
Joo-Shin Kim, Ying Lu, and Hau Yin Chung 55

Influence of Extruded Hemp-Rice Flour Addition on the Physical Properties of Wheat Bread
Yuan-Yuan Wang, Krittika Norajit, and Gi-Hyung Ryu 62
Effect of Soaking Time and Steeping Temperature on Biochemical Properties and
γ-Aminobutyric Acid (GABA) Content of Germinated Wheat and Barley
Sasathorn Singkhornart and Gi-Hyung Ryu ······ 67
Quality and Fermentation Characteristics of Kimchi Made with Different Types of
Dried Red Pepper (Capsicum annum L.)
Jin-Woong Jeong, Ok-Sun Kim, and Jung-Min Sung 74
Subacute Toxicity Study of 40 kGy Irradiated Ready-to-Eat Bulgogi
Il Jun Kang, Han Joon Hwang, and Ju Woon Lee ····· 83
Research Note
Biological Activities of Water and Ethanol Extracts from Two Varieties of
Rubus coreanus Miquel Fruits