

CONTENTS

Vol 16, No 4 December 2011

Research Papers

Antitumorigenic Effect of a High Protein Diet in Mouse Skin

..... Ka-Hee Tak and Eunjung Kim 283

Yam Extracts Increase Cell Proliferation and Bone Matrix Protein Collagen Synthesis of Murine Osteoblastic MC3T3-E1 Cells

..... Mee-Young Shin, Ethel H. Alcantara, Youn-Moon Park,
Soon-Tae Kwon, and In-Sook Kwun 291

Anti-Inflammatory Effect of Fermented *Liriope platyphylla* Extract in LPS-stimulated RAW 264.7 Macrophages

..... Hyun-Ah Lee and Ji-Sook Han 299

Antioxidant and Xanthine Oxidase Inhibition Activities of *Cynomorium songaricum* Extracts

..... Soo-Jung Seo, Mi-Ra Han, and Yang-Suk Lee 307

Oxidative Stress and Antioxidant Activities of Intertidal Macroalgae in Korea

..... Jung-Jin Park, Taejun Han, and Eun-Mi Choi 313

Antioxidant Activities of Various Solvent Extracts from Ginseng (*Panax ginseng* C.A. Meyer) Leaves

..... Ok-Ju Kang 321

Antioxidative Properties of Different Solvent Extracts from Persimmon (*Diospyros kaki* cv. Fuyu) Flower-Buds

..... Dong-Hyun You and Seung-Cheol Lee 328

Bioactivities of the Herb Extracts Used for Gamhongroju, a Korean Liqueur

..... Sae-Rom Lee, Hana Jung, Hyunnho Cho, Changho Jhin,
Keum Taek Hwang, Seok Tae Jeong, and Tae-Young Kim 333

Studies for Physicochemical and *In Vitro* Digestibility Characteristics of Flour and Starch from Chickpea (*Cicer arietinum* L.)

..... Hyun-Jung Chung 339

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Quality Characteristics of Low-Salt <i>Gochujang</i> Added with <i>Glycyrrhiza uralensis</i> and <i>Brassica juncea</i> | |
| So-Young Lee, So-Lim Park, Sung-Hun Yi, Young-Do Nam, and Seong-Il Lim | 348 |
| Optimal Conditions and Substrate Specificity for Trehalose Production by Resting Cells of <i>Arthrobacter crystallopoietes</i> N-08 | |
| Yi Seul Seo and Kwang-Soon Shin | 357 |
| Model for Estimating CO₂ Concentration in Package Headspace of Microbiologically Perishable Food | |
| Dong Sun Lee, Hwan Ki Kim, Duck Soon An, and Kit L. Yam | 364 |
| Research Notes | |
| Antioxidative Activities of Korean Apple Polyphenols | |
| Yoonsook Kim, Heedon Choi, and Inwook Choi | 370 |
| Anti-microbial Activity of <i>Saussurea lappa</i> C.B. Clarke Roots | |
| Kyung-Mi Chang, Soo-Im Choi, Sophia J. Chung, and Gun-Hee Kim | 376 |
| Effect of Harvesting Time on the Yield, Color, and Proximate Compositions of Jinbu Variety Green Rice[®] | |
| Hoon Kim, Se Eun Lee, Dong-Chul Kim, Dong Hyuk Keum, and Soojin Park | 381 |
| <i>Leuconostoc mesenteroides</i> CJNU 0147 and <i>Lactobacillus casei</i> CJNU 0588 Improve Growth of a <i>Bifidobacterium lactis</i> Strain in Co-cultures | |
| Ji-Eun Eom and Gi-Seong Moon | 386 |
| Physicochemical Qualities and Consumer Perception of Tomato Sponge Cakes | |
| Seok Min Son and Jun Ho Lee | 390 |
| Review | |
| Pre-Natal Epigenetic Influences on Acute and Chronic Diseases Later in Life, such as Cancer: Global Health Crises Resulting from a Collision of Biological and Cultural Evolution | |
| James E. Trosko | 394 |
