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July 13, 2011

Volume 59 Issue 13

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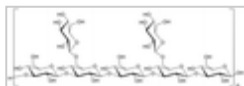
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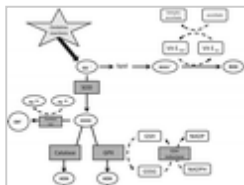
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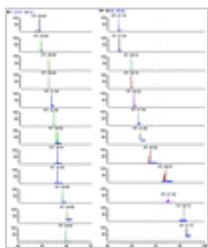


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### Phenolics in Slovenian Bilberries (*Vaccinium myrtillus* L.) and Blueberries (*Vaccinium corymbosum* L.)





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### Isolation and Characterization of Three Novel Peptides from Casein Hydrolysates That Stimulate the Growth of Mixed Cultures of *Streptococcus thermophilus* and *Lactobacillus delbrueckii* subsp. *bulgaricus*





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### Soluble and Bound Phenolic Compounds in Different Bolivian Purple Corn (*Zea mays* L.) Cultivars

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### Spectroscopic Analysis of Diversity of Arabinoxylan Structures in Endosperm Cell Walls of Wheat Cultivars (*Triticum aestivum*) in the HEALTHGRAIN Diversity Collection

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### Synthesis, Analytical Features, and Biological Relevance of 5-(3',4'-Dihydroxyphenyl)- $\gamma$ -valerolactone, a Microbial Metabolite Derived from the Catabolism of Dietary Flavan-3-ols

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### Inhibitory Effect of a Glycoprotein Isolated from Golden Oyster Mushroom (*Pleurotus citrinopileatus*) on the Lipopolysaccharide-Induced Inflammatory Reaction in RAW 264.7 Macrophage

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### Aliphatic Ketones from *Ruta chalepensis* (Rutaceae) Induce Paralysis on Root Knot Nematodes

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### Hispolon Induces Apoptosis and Cell Cycle Arrest of Human Hepatocellular Carcinoma Hep3B Cells by Modulating ERK Phosphorylation




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**New Strategy for Expression of Recombinant Hydroxylated Human-Derived Gelatin in *Pichia pastoris* KM71**

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**Fate of Cry1Ab Protein in Agricultural Systems under Slurry Management of Cows Fed Genetically Modified Maize (*Zea mays* L.) MON810: A Quantitative Assessment**

Helga Gruber, Vijay Paul, Patrick Guertler, Hubert Spiekers, Ales Tichopad, Heinrich H. D. Meyer, and Martin M

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Chemical Aspects of Food Safety


**Gene Expression Profiles of Yeast *Saccharomyces cerevisiae* sod1 Caused by Patulin Toxicity and Evaluation of Recovery Potential of Ascorbic Acid**

Tadahiro Suzuki and Yumiko Iwahashi





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## Impact of Maillard Reaction on Immunoreactivity and Allergenicity of the Hazelnut Allergen

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Małgorzata Iwan, Yvonne M. Vissers, Ewa Fiedorowicz, Henryk Kostyra, Elżbieta Kostyra, Huub F. J. Savelkoul, and Harry J. Wichers

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## Addition of Porphyrins to Cigarette Filters To Reduce the Levels of Benzo[a]pyrene (B[a]P) and Tobacco-Specific *N*-Nitrosamines (TSNAs) in Mainstream Cigarette Smoke

Changguo Wang, Ya Dai, Guanglin Feng, Rong He, Wenmin Yang, Dongliang Li, Xuezheng Zhou, Lijun Zhu, and Lanlan Tan


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Gregory O. Noonan, Luke K. Ackerman, and Timothy H. Begley

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Mara I. Orozco, Feliciano Priego-Capote, and María D. Luque de Castro

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### Light Wavelength Effects on a Lutein-Fortified Model Colloidal Beverage

Mark Alan Kline, Susan Ellen Duncan, Laurie Marie Bianchi, William Nicholas Eigel, III, and Sean Francis O'Keefe

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Gabriel Davidov-Pardo, Iñigo Arozarena, and María Remedios Marín-Arroyo





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### Accumulation and Distribution Pattern of Macro- and Microelements and Trace Elements in *Vitis vinifera* L. cv. Chardonnay Berries

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### Metabolic Influence of *Botrytis cinerea* Infection in Champagne Base Wine


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### Characterization of Three Berry Standard Reference Materials for Nutrients

Laura J. Wood, Katherine E. Sharpless, Monique Pichon, Barbara J. Porter, and James H. Yen, Stefan Ehling





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Morgane Derrien, Emilie Jardé, Gérard Gruau, and Anne-Catherine Pierson-Wickmann

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Ulrik Kræmer Sundekilde, Pernille Dorthea Frederiksen, Morten Rahr Clausen, Lotte Bach Larsen, and Hanne Christine Bertram





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## Assessment of Soy Genotype and Processing Method on Quality of Soybean Tofu

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## Size-Dependent Lipid Content of Bovine Milk Fat Globule and Membrane Phospholipids

Ronit Mesilati-Stahy, Kfir Mida, and Nurit Argov-Argaman





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## Identification of Cyanidin 3-O- $\beta$ -(6''-(3-Hydroxy-3-methylglutaryl)glucoside) and Other Anthocyanins from Wild and Cultivated Blackberries

Monica Jordheim, Kjersti Hasle Enerstvedt, and Øyvind M. Andersen





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## Aorta and Liver Changes in Rats Fed Cholesterol-Containing and Raw Vegetable-Supplemented Diets: Experiments in Vitro and in Vivo





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### Uridine Diphosphate Glucuronosyltransferase Isoform-Dependent Regiospecificity of Glucuronidation of Flavonoids

Rashim Singh, Baojian Wu, Lan Tang, and Ming Hu

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### Bioavailability of Iron from Wheat *Aegilops* Derivatives Selected for High Grain Iron and Protein Contents

Rajani Salunke, Kumari Neelam, Nidhi Rawat, Vijay Kumar Tiwari, Harcharan Singh Dhaliwal, and Partha Roy

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### Anti-inflammatory Activities of Mogrosides from *Momordica grosvenori* in Murine Macrophages and a Murine Ear Edema Model

Rong Di, Mou-Tuan Huang, and Chi-Tang Ho

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### Beneficial Effects of Dietary Fish-Oil-Derived Monounsaturated Fatty Acids on Metabolic Syndrome Risk Factors and Insulin Resistance in Mice

Zhi-Hong Yang, Hiroko Miyahara, Tetsu Mori, Nobushige Doisaki, and Akimasa Hatanaka

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### Perchlorate in Soybean Sprouts (*Glycine max* L. Merr.), Water Dropwort (*Oenanthe stolonifera* DC.), and Lotus (*Nelumbo nucifera* Gaertn.) Root in South Korea

Minjune Yang and Namguk Her

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### Levels of Perfluorinated Compounds in Food and Dietary Intake of PFOS and PFOA in The Netherlands

Cornelle W. Noorlander, Stefan P. J. van Leeuwen, Jan Dirk te Biesebeek, Marcel J. B. Mengelers, and Marco J.

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### Comparative Studies on the Interaction of Genistein, 8-Chlorogenistein, and 3',8-Dichlorogenistein with Bovine Serum Albumin

Ji Zhang, Xiang-Jing Wang, Yi-Jun Yan, and Wen-Sheng Xiang





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### Incidence of Fumonisin B<sub>2</sub> Production by *Aspergillus niger* in Portuguese Wine Regions

Luís Abrunhosa, Thalita Calado, and Armando Venâncio





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### Gas Chromatographic Determination of *N*-Nitrosamines, Aromatic Amines, and Melamine in Milk and Dairy Products Using an Automatic Solid-Phase Extraction System

Beatriz Jurado-Sánchez, Evaristo Ballesteros, and Mercedes Gallego





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### Efficacy of a Mycotoxin Binder against Dietary Fumonisin, Deoxynivalenol, and Zearalenone in Rats

Zhiyi Qiang, My Truong, Koen Meynen, Patricia A. Murphy, and Suzanne Hendrich


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