

Accepted posters

Conference VITAMINS, NUTRITION, DIAGNOSTICS

August 31 – September 2, 2009, Mendel University of Agriculture and Forestry in Brno, Czech Republic

P01

Analysis of urinary 8-hydroxy-2'-deoxyguanosine by high-performance liquid chromatography with electrochemical detection

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P02

Lutein as dietary supplement

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P03

The comparison of alcohol determination levels at viva Jr and AxSYM Systems.

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P04

HPLC analysis of flavonoid aglycones in ethyl acetate fraction from saussurea salicifolia (l) dc

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P05

Analytical determination of polyphenols in beer

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P06

Evaluation of probiotic supplements for label claims using cultivation methods and DNA analysis

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Content of ascorbic acid and total carotenoids in five cultivars of Chinese broccoli (*Brassica oleracea* var. *alboglabra*)

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P08

Gingo biloba - a dietary supplement with multifaceted therapeutic benefits: study of healthy effects on respondents

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P09

The comparison of chemical content in different genotypes of almond (*Amygdalus communis* L.) hull and shell

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P10

Influence of lead nitrate on the food we eat

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P11

Submerged cultivated mycelium of *Lentinula edodes* (Berk.) a biotechnological perspective for a new product of high nutritional quality

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P12

Reduction of harmful carboxymethyllysine (cml) and enhancement of antioxidant activity in bread caused by the addition of grape seed extract

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P13

Inhibitory effect of chalcone-naringenin from tomato peel on the formation of PhiP

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FT-IR spectrometric determination of total ascorbic acid

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Application of modern stationary phases in determination of neopterin and creatinine in human urine

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Extraction and determination of water-soluble vitamins in milk by a liquid-phase microextraction method based on solidification of floating organic drop

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P17

The effect of vitamin C supplementation on the performance of female athletes

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P18

Evaluation of effects of naturally occurring catechins on methylglyoxal-mediated protein glycooxidation

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Determination of ferulic acid content in selected cereals by the UPLC-PDA method

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P20

Content of phenolic compounds and ascorbic acid in 4 *Lamiaceae* species at the fresh stage

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Determination of β -carotene and other carotenoids by HPLC

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Inspection of presence of mycotoxins in feeds in the Czech republic

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The isocratic separation of water-soluble and fat-soluble vitamins in one single run

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Glycation of glutathione S-transferase by methylglyoxal, effect of catechin gallates

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HPLC-ECD determination of hydroxyl radicals in various experimental models

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Protection or risk of vitamins

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Serum selenium status in a group of 386 volunteers of the Czech republic rescue fire brigades

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Determination of adenosine, inosine and hypoxanthine in human plasma by high performance liquid chromatography

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Comparison of the content of health beneficial substances in various cereals

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Hydrolysate of proteins from yeast biomass

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total polyphenol content of potatoes depending on Cd and Pb uptake, and on variety

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Characterization of a czech-type beer

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Antioxidative characteristics of czech beer and methods of their determination

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Vitamin C as a antioxidant, and its importance in small fruit

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Determination of caseins in goat' s milk by RP-HPLC

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Heat stability determination of whey proteins in cow' s milk

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HPLC determination of lutein, zeaxanthin and betacarotene in dietary supplements

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Changes in antioxidant capacity in various stages of aromatic maturity of grapes

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P39

Antioxidant and antimutagenic properties of several kinds of honey

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Changes of antioxidant status in Idared and Golden Delicious apples during long-term storage

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Study of biologically active components in some cereals

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Influence of basic clarification agents on the changes of antioxidant capacity of wine

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Changes of ascorbic acid and nitrates content owing to enrichment of growing substrate and soil with hydrophilic matters

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Study of lipoxygenase in selected varieties of barley and malt

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Antioxidant content in blueberries in relationship to storage duration in a freezing box

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P46

Analysis and optimization of astaxanthin production in green microalgae as potential industrial producer

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The determination of aroma compounds of plant origin

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Antioxidant activity in tea infusions

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Silybin disulfate inhibits sulfatases

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Elucidation of the molecular mechanism of the antiradical action of silybin and 2,3-dehydrosilybin

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Flavonoid glycosylation: a feasible way to obtain pure compounds

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Phenolic profiles of raw apricots and their antiradical activities in the evaluation of new promising cultivars resistant to plum plox virus

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Preliminary study on the health benefits from cornelian cherries (*cornus mas l.*) with respect to combinatorial measurement of antimicrobial effect and antioxidant properties

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Off-line coupling of paramagnetic particles with electrochemical detector as a tool for isolation and detection of adiponectin

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