

Contents 8/09

Molecular Nutrition Food Research

Bioactivity & Safety
Microbiology

Immunology
Chemistry

Special: Food Processing and Allergenicity

Guest Editor: Gregory S. Ladics

Editorial

Food Processing and Allergenicity

Gregory S. Ladics. 945

Review

Antigen presenting cells and T cell interactions in the gastrointestinal tract

Thomas T. MacDonald, Anna Voessenkamper and Antonio Di Sabatino 947

Review

In vitro digestion methods for assessing the effect of food structure on allergen breakdown

Martin Wickham, Richard Faulks, and Clare Mills 952

Review

Aspects of food processing and its effect on allergen structure

Angelika Paschke. 959

Review

Impact of food processing on the structural and allergenic properties of food allergens

E. N. Clare Mills, Ana I. Sancho, Neil M. Rigby, John A. Jenkins and Alan R. Mackie. 963

Review

Effects of food processing on food allergens

Shridhar K. Sathe and Girdhari M. Sharma 970



Review

Utility of animal models for evaluating hypoallergenicity

Rodolphe Fritsché. 979

Regular

Research Article

Naturally occurring flavonoids attenuate high glucose-induced expression of proinflammatory cytokines in human monocytic THP-1 cells

Chi-Hao Wu, Cheng-Feng Wu, Hsiao-Wen Huang, Ya-Chien Jao, Gow-Chin Yen.....

... 984

Research Article

Dietary sources of lignans and isoflavones modulate responses to estradiol in estrogen reporter mice

Pauliina E. Penttinen-Damdimopoulou, Krista A. Power, Teija T. Hurmerinta, Tarja Nurmi, Paul T. van der Saag and Sari I. Mäkelä.....

.. 996

 Supporting information see www.mnf-journal.com

Research Article

Protein hydrolysates from β -conglycinin enriched soybean genotypes inhibit lipid accumulation and inflammation *in vitro*

Cristina Martinez-Villaluenga, Vermont P. Dia, Mark Berhow, Neal A. Bringe, and Elvira Gonzalez de Mejia

1007

Research Article

Cytotoxicity of Maillard reaction products determined with a peptide spot library

Sonja Muscat, Monika Pischetsrieder, Annette Maczurek, Sven Rothmund, and Gerald Münch

1019

Research Article

Inhibition of lung cancer growth in mice by dietary mixed tocopherols

Joshua D. Lambert, Gang Lu, Mao-Jung Lee, Jennifer Hu, Jihyeung Ju and Chung S. Yang.....

1030

Research Article

Immunostimulatory properties of coffee mannans

Joana Simões, Pedro Madureira, Fernando M. Nunes, Maria do Rosário Domingues, Manuel Vilanova and Manuel A. Coimbra.....

1036



Research Article

Polyphenol metabolites from colonic microbiota exert anti-inflammatory activity on different inflammation models

Mar Larrosa, Cristina Luceri, Elisa Vivoli, Chiara Pagliuca, Maura Lodovici, Gloriano Moneti and Piero Dolara.....

1044

Research Article

NMR-based metabonomics reveals that plasma betaine increases upon intake of high-fiber rye buns in hypercholesterolemic pigs

Hanne Christine Bertram, Anders Malmendal, Niels Chr. Nielsen, Ida Krestine Straadt, Torben Larsen, Knud Erik Bach Knudsen, and Helle Nygaard Lærke

1055

Review

Recent European Food Safety Authority toxicological evaluations of major phthalates used in food contact materials

Jean-Claude Lhuguenot

1063