

Contents 1/12

Molecular Nutrition Food Research

Bioactivity & Safety
Microbiology

Immunology
Chemistry

Editorial

Virtuous medicine

Peter Schreier and Hans-Ulrich Humpf 5

Review

Resveratrol in human cancer chemoprevention – Choosing the ‘right’ dose

Edwina Scott, William P. Steward, Andreas J. Gescher and Karen Brown 7

Review

Modulation of angiogenesis by dietary phytoconstituents in the prevention and intervention of breast cancer

Sharon C. Reuben, Ashwin Gopalan, Danielle M. Petit and Anupam Bishayee 14

Review

Alkaloids in the human food chain – Natural occurrence and possible adverse effects

Irina I. Koleva, Teris A. van Beek, Ans E. M. F. Soffers, Birgit Dusemund and Ivonne M. C. M. Rietjens 30

Review

Role of dietary proteins and peptides in cardiovascular disease

Anthony Cam and Elvira Gonzalez de Mejia 53

Review

Metabolic syndrome: Evidences for a personalized nutrition

Pablo Perez-Martinez, Antonio Garcia-Rios, Javier Delgado-Lista, Francisco Perez-Jimenez and Jose Lopez-Miranda 67

Review

Zinc and its role in age-related inflammation and immune dysfunction

Carmen P. Wong and Emily Ho 77

Review

Molecular mechanisms for anti-aging by natural dietary compounds

Min-Hsiung Pan, Ching-Shu Lai, Mei-Ling Tsai, Jia-Ching Wu and Chi-Tang Ho 88

Review

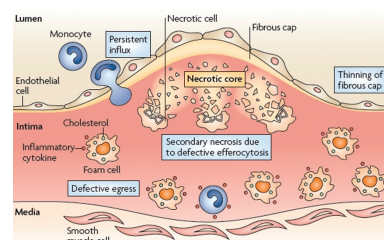
Molecular alterations in hepatocarcinogenesis induced by dietary methyl deficiency

Igor P. Pogribny, S. Jill James and Frederick A. Beland 116

Review

The potential role of nutritional genomics tools in validating high health foods for cancer control: Broccoli as example

Lynnette R. Ferguson and Ralf C. Schlothauer 126



Review

Metabolomics for measuring phytochemicals, and assessing human and animal responses to phytochemicals, in food science

Tony K. McGhie and Daryl D. Rowan

. . 147

Review

Dietary anthocyanin-rich plants: Biochemical basis and recent progress in health benefits studies

Takanori Tsuda

159

Review

Nutrigenetics of the lipoprotein metabolism

Antonio Garcia-Rios, Pablo Perez-Martinez, Javier Delgado-Lista, Jose Lopez-Miranda and Francisco Pérez-Jiménez

171

Review

Relevance of protein fermentation to gut health

Karen Windey, Vicky De Preter and Kristin Verbeke

184

Erratum.

197

