Contents 9/07



Bioactivity & Safety Microbiology

Immunology Chemistry

Special: Are Dietary AGEs/ALEs a Health Risk?

Guest Editor: Monika Pischetsrieder

Editorial

Editorial Hormonally Active Compounds in I Monika Pischetsrieder	F ood
Interview The health risks of dietary advanced Timo Buetler	d glycation end-products
Review Dietary advanced glycation end pro A call for an interdisciplinary debat Thomas Henle	te /
Review Dietary advanced glycation endproc their health effects – PRO Katarína Šebeková and Veronika Some	
Review Evidence against dietary advanced g being a risk to human health Jennifer M. Ames	glycation endproducts 1085
Review Dietary advanced lipoxidation products as risk factors for human health – a call for data Vincent M. Monnier	
Review Dietary advanced lipid oxidation endproducts are risk factors to human health Joseph Kanner	
	Review Dietary ALEs are a risk to human health – NOT! John W. Baynes
	Review Dietary AGEs and ALEs and risk to human health by their interaction with the receptor for advanced glycation endproducts (RAGE) – an introduction



the receptor for advanced glycation endproducts (RAGE) – an introduction Paul J. Thornalley
Review Arguing for the motion: Yes, RAGE is a receptor for advanced glycation
endproductsRavichandran Ramasamy, Shi Fang Yan and Ann Marie Schmidt

Review

The mechanism by which dietary AGEs are a risk to human health is via their interaction with RAGE: Arguing against the motion Claus W. Heizmann....

Regular

Research Article

Hydrolyzed fumonisins HFB₁ and HFB₂ are acylated *in vitro* and *in vivo* by ceramide synthase to form cytotoxic N-acyl-metabolites Michaela Seiferlein, Hans-Ulrich Humpf, Kenneth A. Voss, M. Cameron Sullards, Jeremy C. Allegood, Elaine Wang and Alfred H. Merrill, Jr.



Research Article

New molecular and field evidences for the implication of mycotoxins but not aristolochic acid in human nephropathy and urinary tract tumor $\,$

Research Article

The involvement of oxidative stress in ochratoxin A and fumonisin \mathbf{B}_1 toxicity in rats

Research Article

Research Article

Limited stability in cell culture medium and hydrogen peroxide formation affect the growth inhibitory properties of delphinidin and its degradation product gallic acid

Research Article

Role of vitamin A elimination or supplementation diets during postnatal development on the allergic sensitisation in mice $\frac{1}{2} \left(\frac{1}{2} \right) = \frac{1}{2} \left(\frac{1}{2} \right) \left(\frac{1}{2} \right)$

Research Article

Radioactivity measurements and radiation dose evaluation in tap waters of Central Italy Donatella Desideri, Carla Roselli, Maria Assunta Meli, Laura Feduzi, Alba Rongoni

Letter to the Editor

 $Comments\ on\ an\ MNF\ Review\ about\ Ochratoxin\ A$

Letter to the Editor

Answer to the Prof. Degen's Letter to the Editor