

CONTENTS

Reviews

*W. Pilacinski, A. Crawford, R. Downey, B. Harvey, S. Huber, P. Hunst, L. K. Lahman, S. MacIntosh, M. Pohl, C. Rickard, L. Tagliani and N. Weber* 1–7 Plants with genetically modified events combined by conventional breeding: An assessment of the need for additional regulatory data

*L. G. Rossato, V. M. Costa, R. P. Limberger, M. de Lourdes Bastos and F. Remião* 8–16 Synephrine: From trace concentrations to massive consumption in weight-loss

Research Papers

*C.-L. Su, F.-N. Chen and S.-J. Won* 17–24 Involvement of apoptosis and autophagy in reducing mouse hepatoma ML-1 cell growth in inbred BALB/c mice by bacterial fermented soybean products

*K. Ho, L. S. Yazan, N. Ismail and M. Ismail* 25–30 Toxicology study of vanillin on rats via oral and intra-peritoneal administration

*R. R. Rasmussen, P. H. Rasmussen, T. O. Larsen, T. T. Bladt and M. L. Binderup* 31–44 *In vitro* cytotoxicity of fungi spoiling maize silage

*J. O. Adebayo, A. Igunnu, R. O. Arise and S. O. Malomo* 45–48 Effects of co-administration of artesunate and amodiaquine on some cardiovascular disease indices in rats

*O. Takahashi, N. Ohashi, D. Nakae and A. Ogata* 49–56 Parenteral paradichlorobenzene exposure reduces sperm production, alters sperm morphology and exhibits an androgenic effect in rats and mice

*Y. Jihong, L. Shaozhong, S. Jingfeng, M. Kobayashi, J. Akaki, K. Yamashita, M. Tamesada and T. Umemura* 57–60 Effects of *Salacia chinensis* extract on reproductive outcome in rats

*Q. Zhang, X.-L. Piao, X.-S. Piao, T. Lu, D. Wang and S. W. Kim* 61–69 Preventive effect of *Coptis chinensis* and berberine on intestinal injury in rats challenged with lipopolysaccharides

*I. Fedorova-Dahms, P. A. Marone, E. Bailey-Hall and A. S. Ryan* 70–77 Safety evaluation of Algal Oil from *Schizochytrium* sp.

*H. Xuan, J. Zhao, J. Miao, Y. Li, Y. Chu and F. Hu* 78–85 Effect of Brazilian propolis on human umbilical vein endothelial cell apoptosis

*M. J. Valente, A. F. Baltazar, R. Henrique, L. Estevinho and M. Carvalho* 86–92 Biological activities of Portuguese propolis: Protection against free radical-induced erythrocyte damage and inhibition of human renal cancer cell growth *in vitro*

*Y. P. Hwang, J. H. Choi, H. J. Yun, E. H. Han, H. G. Kim, J. Y. Kim, B. H. Park, T. Khanal, J. M. Choi, Y. C. Chung and H. G. Jeong* 93–99 Anthocyanins from purple sweet potato attenuate dimethylnitrosamine-induced liver injury in rats by inducing Nrf2-mediated antioxidant enzymes and reducing COX-2 and iNOS expression

E. H. Han, Y. P. Hwang, H. G. Kim, J. H. Park, J. H. Choi, J. H. Im, T. Khanal, B. H. Park, J. H. Yang, J. M. Choi, S.-S. Chun, J. K. Seo, Y. C. Chung and H. G. Jeong	100–108	Ethyl acetate extract of <i>Psidium guajava</i> inhibits IgE-mediated allergic responses by blocking FcεRI signaling
J. I. Yoon, V. K. Bajpai and S. C. Kang	109–114	Synergistic effect of nisin and cone essential oil of <i>Metasequoia glyptostroboides</i> Miki ex Hu against <i>Listeria monocytogenes</i> in milk samples
E. Goicoechea, E. F. A. Brandon, M. H. Blokland and M. D. Guillén	115–124	Fate in digestion <i>in vitro</i> of several food components, including some toxic compounds coming from omega-3 and omega-6 lipids
S. V. Nampoothiri, A. Prathapan, O. L. Cherian, K. G. Raghu, V. V. Venugopalan and A. Sundaresan	125–131	<i>In vitro</i> antioxidant and inhibitory potential of <i>Terminalia bellerica</i> and <i>Embllica officinalis</i> fruits against LDL oxidation and key enzymes linked to type 2 diabetes
P. C. Turner, R. P. Hopton, K. L. M. White, J. Fisher, J. E. Cade and C. P. Wild	132–135	Assessment of deoxynivalenol metabolite profiles in UK adults
M. B. Reena and B. R. Lokesh	136–143	Effect of feeding blended and interesterified vegetable oils on antioxidant enzymes in rats
S.-T. Liu, G.-C. Young, Y.-C. Lee and Y.-F. Chang	144–148	A preliminary report on the toxicity of arecoline on early pregnancy in mice
L. Wang, M. L. Xu, J. H. Hu, S. K. Rasmussen and M.-H. Wang	149–154	<i>Codonopsis lanceolata</i> extract induces G0/G1 arrest and apoptosis in human colon tumor HT-29 cells – Involvement of ROS generation and polyamine depletion
S. Karaman, J. Barnett Jr., G. P. Sykes and B. Delaney	155–165	Subchronic oral toxicity assessment of <i>N</i> -acetyl-L-aspartic acid in rats
L. Mun, M. S. Jun, Y. M. Kim, Y. S. Lee, H. J. Kim, H. G. Seo, J. H. Lee, K. H. Son, D. H. Lee, Y. S. Kim, K. Park and K. C. Chang	166–172	7,8-didehydrocimigenol from <i>Cimicifugae rhizoma</i> inhibits TNF-α-induced VCAM-1 but not ICAM-1 expression through upregulation of PPAR-γ in human endothelial cells
M. S. Khan, D. Halagowder and S. N. Devaraj	173–178	Methylated chrysin, a dimethoxy flavone, partially suppresses the development of liver preneoplastic lesions induced by <i>N</i> -Nitrosodiethylamine in rats
Z. Bouallagui, J. Han, H. Isoda and S. Sayadi	179–184	Hydroxytyrosol rich extract from olive leaves modulates cell cycle progression in MCF-7 human breast cancer cells
B. Huang, H. Ke, J. He, X. Ban, H. Zeng and Y. Wang	185–190	Extracts of <i>Halenia elliptica</i> exhibit antioxidant properties <i>in vitro</i> and <i>in vivo</i>
M. Ben Sghaier, W. Bhourri, A. Neffati, J. Boubaker, I. Skandrani, I. Bouhleb, S. Kilani, L. Chekir-Ghedira and K. Ghedira	191–201	Chemical investigation of different crude extracts from <i>Teucrium ramosissimum</i> leaves. Correlation with their antigenotoxic and antioxidant properties
D. Bakircioglu, Y. B. Kurtulus and G. Ucar	202–207	Determination of some traces metal levels in cheese samples packaged in plastic and tin containers by ICP-OES after dry, wet and microwave digestion
F. Marahel, M. Ghaedi, M. Montazerzohori, M. Nejati Biyareh, S. Nasiri Kokhdan and M. Soylak	208–214	Solid-phase extraction and determination of trace amount of some metal ions on Duolite XAD 761 modified with a new Schiff base as chelating agent in some food samples
H. R. B. Raghavendran, S. Rekha, J.-W. Shin, H.-G. Kim, J.-H. Wang, H.-J. Park, M.-K. Choi, J.-H. Cho and C.-G. Son	215–221	Effects of Korean ginseng root extract on cisplatin-induced emesis in a rat-pica model
M. C. Kennedy, V. J. Roelofs, C. W. Anderson and J. D. Salazar	222–232	A hierarchical Bayesian model for extreme pesticide residues
V. Longo, P. G. Gervasi and V. Lubrano	233–237	Cisplatin induced toxicity in rat tissues: The protective effect of Lisosan G
G. C. Tenore, R. Ciampaglia, N. A. Arnold, F. Piozzi, F. Napolitano, D. Rigano and F. Senatore	238–243	Antimicrobial and antioxidant properties of the essential oil of <i>Salvia lanigera</i> from Cyprus
M. A. Hossain and M. Z. Hoque	244–247	Polycyclic aromatic hydrocarbons in Bangladeshi vegetables and fruits

(Contents continued from inside back cover)

H. Jaiprakash, N. Sarala, P. N. Venkatarathnamma and T. N. Kumar	248–250	Analysis of different types of poisoning in a tertiary care hospital in rural south india
N. J. Szabo, L. C. Dolan, G. A. Burdock, T. Shibano, S.-i. Sato, H. Suzuki, T. Uesugi, S. Yamahira, M. Toba and H. Ueno	251–258	Safety evaluation of <i>Lactobacillus pentosus</i> strain b240
Y.-F. Xin, L.-L. Wan, J.-L. Peng and C. Guo	259–264	Alleviation of the acute doxorubicin-induced cardiotoxicity by <i>Lycium barbarum</i> polysaccharides through the suppression of oxidative stress
J. A. Baig, T. G. Kazi, A. Q. Shah, H. I. Afridi, G. A. Kandhro, S. Khan, N. F. Kolachi, S. K. Wadhwa, F. Shah, M. B. Arain and M. K. Jamali	265–270	Evaluation of arsenic levels in grain crops samples, irrigated by tube well and canal water
D.-H. Lee, C.-S. Kim and Y. J. Lee	271–280	Astaxanthin protects against MPTP/MPP+-induced mitochondrial dysfunction and ROS production <i>in vivo</i> and <i>in vitro</i>
C.-Y. Lu, C.-C. Li, C.-K. Lii, H.-T. Yao, K.-L. Liu, C.-W. Tsai and H.-W. Chen	281–289	Andrographolide-induced pi class of glutathione <i>S</i> -transferase gene expression via PI3K/Akt pathway in rat primary hepatocytes
H.-L. Yang, Y.-H. Kuo, C.-T. Tsai, Y.-T. Huang, S.-C. Chen, H.- W. Chang, E. Lin, W.-H. Lin and Y.-C. Hseu	290–298	Anti-metastatic activities of <i>Antrodia camphorata</i> against human breast cancer cells mediated through suppression of the MAPK signaling pathway
J. Yoneda, K. Chin, K. Torii and R. Sakai	299–304	Effects of oral monosodium glutamate in mouse models of asthma
R. Brandão and C. W. Nogueira	305–308	Inhibition of hepatic $\delta$ -aminolevulinate dehydratase activity induced by mercuric chloride is potentiated by <i>N</i> -acetylcysteine <i>in vitro</i>
H.-M. Chiang, T.-J. Lin, C.-Y. Chiu, C.-W. Chang, K.-C. Hsu, P.-C. Fan and K.-C. Wen	309–318	<i>Coffea arabica</i> extract and its constituents prevent photoaging by suppressing MMPs expression and MAP kinase pathway
<b>Brief Communications</b>		
G. Guzzi, P. Pigatto, A. Ronchi and C. Minoia	319	The effect of co-administration of selenium and DMPS in inorganic mercury intoxication in mice
F. J. Murray	320–322	Does 4-methylimidazole have tumor preventive activity in the rat?