

Review*D. Ropeik*

1222–1225 The Perception Gap: Recognizing and managing the risks that arise when we get risk wrong

Research Papers*H.-T. Yao, M.-N. Luo, L.-B. Hung,
M.-T. Chiang, J.-H. Lin, C.-K. Lii and
C.-Y. Huang*

1171–1177 Effects of chitosan oligosaccharides on drug-metabolizing enzymes in rat liver and kidneys

*W.-H. Hsu, B.-H. Lee, T.-H. Liao,
Y.-W. Hsu and T.-M. Pan*1178–1186 *Monascus*-fermented metabolite monascin suppresses inflammation via PPAR- γ regulation and JNK inactivation in THP-1 monocytes*E. A. Wilhelm, C. F. Bortolatto and
C. W. Nogueira*1187–1193 *p*-Methoxyl-diphenyl diselenide protects against cisplatin-induced renal toxicity in mice*Y. Tang, C. Gao, M. Xing, Y. Li,
L. Zhu, D. Wang, X. Yang, L. Liu and
P. Yao*

1194–1200 Quercetin prevents ethanol-induced dyslipidemia and mitochondrial oxidative damage

*F. S. Reis, A. Martins, L. Barros and
I. C. F. R. Ferreira*1201–1207 Antioxidant properties and phenolic profile of the most widely appreciated cultivated mushrooms: A comparative study between *in vivo* and *in vitro* samples*N. C. D. De Oliveira, M. S. Sarmento,
E. A. Nunes, C. M. Porto, D. P. Rosa,
S. R. Bona, G. Rodrigues,
N. P. Marroni, P. Pereira,
J. N. Picada, A. B. F. Ferraz,
F. V. Thiesen and J. Da Silva*

1208–1214 Rosmarinic acid as a protective agent against genotoxicity of ethanol in mice

*J. M. Oh, Y. S. Jung, B. S. Jeon,
B. I. Yoon, K. S. Lee, B. H. Kim,
S. J. Oh and S. K. Kim*1215–1221 Evaluation of hepatotoxicity and oxidative stress in rats treated with *tert*-butyl hydroperoxide*H.-M. Yu and T.-C. Wang*

1226–1237 Mechanism of cisplatin resistance in human urothelial carcinoma cells

*Y.-T. Liu, J. Sun, Z.-Y. Luo,
S.-Q. Rao, Y.-J. Su, R.-R. Xu and
Y.-J. Yang*

1238–1244 Chemical composition of five wild edible mushrooms collected from Southwest China and their antihyperglycemic and antioxidant activity

*Y.-C. Hseu, C.-W. Chou, K. J. Senthil Kumar, K.-T. Fu, H.-M. Wang,
L.-S. Hsu, Y.-H. Kuo, C.-R. Wu,
S.-C. Chen and H.-L. Yang*

1245–1255 Ellagic acid protects human keratinocyte (HaCaT) cells against UVA-induced oxidative stress and apoptosis through the upregulation of the HO-1 and Nrf-2 antioxidant genes

*Y. Mao, Z. Xia, X. Zhang, Y. Zong,
L. Zhu, B. Yuan and G. Lu*

1256–1270 Evaluation of subchronic toxicity of SIM010603, a potent inhibitor of receptor tyrosine kinase, after 28-day repeated oral administration in SD rats and beagle dogs

<i>Y.-S. Ma, S.-W. Weng, M.-W. Lin, C.-C. Lu, J.-H. Chiang, J.-S. Yang, K.-C. Lai, J.-P. Lin, N.-Y. Tang, J.-G. Lin and J.-G. Chung</i>	1271–1278	Antitumor effects of emodin on LS1034 human colon cancer cells <i>in vitro</i> and <i>in vivo</i> : Roles of apoptotic cell death and LS1034 tumor xenografts model
<i>T. Xu, S. Zhang, L. Zheng, L. Yin, L. Xu and J. Peng</i>	1279–1287	A 90-day subchronic toxicological assessment of dioscin, a natural steroid saponin, in Sprague–Dawley rats
<i>E.-J. Yang, W. Lee, S.-K. Ku, K.-S. Song and J.-S. Bae</i>	1288–1294	Anti-inflammatory activities of oleanolic acid on HMGB1 activated HUVECs
<i>A. S. Jaggi and N. Singh</i>	1295–1301	Analgesic potential of intrathecal farnesyl thiosalicylic acid and GW 5074 in vincristine-induced neuropathic pain in rats
<i>D. Cheng, C. Zhu, J. Cao and W. Jiang</i>	1302–1308	The protective effects of polyphenols from jujube peel (<i>Ziziphus Jujube</i> Mill) on isoproterenol-induced myocardial ischemia and aluminum-induced oxidative damage in rats
<i>E. O. Kim, K. J. Min, T. K. Kwon, B. H. Um, R. A. Moreau and S. W. Choi</i>	1309–1316	Anti-inflammatory activity of hydroxycinnamic acid derivatives isolated from corn bran in lipopolysaccharide-stimulated Raw 264.7 macrophages
<i>A. Marcilla, I. Martínez, D. Berenguer, A. Gómez-Siurana and M. I. Beltrán</i>	1317–1333	Comparative study of the main characteristics and composition of the mainstream smoke of ten cigarette brands sold in Spain
<i>A. Mishra, S. N. Gaur, B. P. Singh and N. Arora</i>	1334–1339	<i>In silico</i> assessment of the potential allergenicity of transgenes used for the development of GM food crops
<i>E. Mitra, A. K. Ghosh, D. Ghosh, D. Mukherjee, A. Chattopadhyay, S. Dutta, S. K. Pattari and D. Bandyopadhyay</i>	1340–1353	Protective effect of aqueous Curry leaf (<i>Murraya koenigii</i>) extract against cadmium-induced oxidative stress in rat heart
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<i>G. Meca, G. Meneghelli, A. Ritieni, J. Mañes and G. Font</i>	1362–1368	Influence of different soluble dietary fibers on the bioaccessibility of the minor <i>Fusarium</i> mycotoxin beauvericin
<i>A. González-Sarriás, T. Yuan and N. P. Seeram</i>	1369–1376	Cytotoxicity and structure activity relationship studies of maplexins A–I, gallotannins from red maple (<i>Acer rubrum</i>)
<i>H. A. Darwish, N. R. Abd Raboh and A. Mahdy</i>	1377–1383	Camel's milk alleviates alcohol-induced liver injury in rats
<i>M. Villatoro-Pulido, R. Font, S. Saha, S. Obregón-Cano, J. Anter, A. Muñoz-Serrano, A. De Haro-Bailón, A. Alonso-Moraga and M. Del Rio-Celestino</i>	1384–1392	<i>In vivo</i> biological activity of rocket extracts (<i>Eruca vesicaria</i> subsp. <i>sativa</i> (Miller) Thell) and sulforaphane
<i>Y. Sharifuddin, E. M. Parry and J. M. Parry</i>	1393–1398	The genotoxicity and cytotoxicity assessments of andrographolide <i>in vitro</i>
<i>F. Almeida, L. V. Schiavo, A. D. Vieira, G. L. Araújo, C. M. Queiroz-Junior, M. M. Teixeira, G. D. Cassali and C. A. Tagliati</i>	1399–1404	Gastroprotective and toxicological evaluation of the <i>Lithothamnion calcareum</i> algae
<i>A. de Paula Carli, P. M. de Abreu Vieira, K. T. S. Silva, R. G. de Sá Cota, C. M. Carneiro, W. Castro-Borges and M. H. G. de Andrade</i>	1405–1412	Bowman–Birk inhibitors, proteasome peptidase activities and colorectal pre neoplasias induced by 1,2-dimethylhydrazine in Swiss mice
<i>M. M. Storelli, C. Scarano, C. Spanu, E. P. L. De Santis, V. P. Busco, A. Storelli and G. O. Marcotrigiano</i>	1413–1417	Levels and congener profiles of polychlorinated dibenzo- <i>p</i> -dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs) and polychlorinated biphenyls (PCBs) in sheep milk from an industrialised area of Sardinia, Italy
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<i>C. Li, Y. Gao, J. Tian, Y. Xing, H. Zhu and J. Shen</i>	1432–1438	Long-term oral Asperosaponin VI attenuates cardiac dysfunction, myocardial fibrosis in a rat model of chronic myocardial infarction
<i>W. F. Salminen, X. Yang, Q. Shi, J. Greenhaw, K. Davis and A. A. Ali</i>	1439–1446	Green tea extract can potentiate acetaminophen-induced hepatotoxicity in mice
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<i>S. Shim and J. Kwon</i>	1454–1459	Effects of [6]-shogaol on cholinergic signaling in HT22 cells following neuronal damage induced by hydrogen peroxide
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<i>J. M. Alvarez-Suarez, F. Giampieri, A. M. González-Paramás, E. Damiani, P. Astolfi, G. Martínez-Sánchez, S. Bompadre, J. L. Quiles, C. Santos-Buelga and M. Battino</i>	1508–1516	Phenolics from monofloral honeys protect human erythrocyte membranes against oxidative damage
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<i>H. Wang, H. Zhou, C.-X. Wang, Y.-S. Li, H.-Y. Xie, J.-D. Luo and Y. Zhou</i>	1560–1567	Paeoniflorin inhibits growth of human colorectal carcinoma HT 29 cells <i>in vitro</i> and <i>in vivo</i>
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<i>L. Barros, M. Dueñas, A. M. Carvalho, I. C. F. R. Ferreira and C. Santos-Buelga</i>	1576–1582	Characterization of phenolic compounds in flowers of wild medicinal plants from Northeastern Portugal
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<i>X. Wang, W. Zhang, Y.-L. Wang, A. Ihsan, M.-H. Dai, L.-L. Huang, D.-M. Chen, Y.-F. Tao, D.-P. Peng, Z.-L. Liu and Z.-H. Yuan</i>	1600–1609	Two generation reproduction and teratogenicity studies of feeding quinocetone fed to Wistar rats
<i>B. Cheng, J. Li, J. Du, X. Lv, L. Weng and C. Ling</i>	1610–1615	Ginsenoside Rb1 inhibits osteoclastogenesis by modulating NF-κB and MAPKs pathways
<i>E. H. Han, J. H. Yang, H.-K. Kim, J. H. Choi, T. Khanal, M. T. Do, Y. C. Chung, K. Y. Lee, T. C. Jeong and H. G. Jeong</i>	1616–1622	1-Bromopropane up-regulates cyclooxygenase-2 expression via NF-κB and C/EBP activation in murine macrophages
<i>F. Li, X. Wu, Y. Zou, T. Zhao, M. Zhang, W. Feng and L. Yang</i>	1623–1631	Comparing anti-hyperglycemic activity and acute oral toxicity of three different trivalent chromium complexes in mice
<i>G. M. Sulaiman, A. H. Adhiah, K. W. Al-Sammarrae, R. Bagnati, R. Frapolli, E. Bello, S. Ubaldi, M. Romano, N. Panini, E. Scanziani, M. Pezzolato, E. Erba and M. D'Incalci</i>	1632–1641	Assessing the anti-tumour properties of Iraqi propolis <i>in vitro</i> and <i>in vivo</i>
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<i>G. R. Gandhi, S. Ignacimuthu and M. G. Paulraj</i>	1667–1674	Hypoglycemic and β-cells regenerative effects of <i>Aegle marmelos</i> (L.) Corr. bark extract in streptozotocin-induced diabetic rats
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<i>T. K. Girish, P. Vasudevaraju and U. J. S. Prasada Rao</i>	1690–1696	Protection of DNA and erythrocytes from free radical induced oxidative damage by black gram (<i>Vigna mungo</i> L.) husk extract
<i>P. Bendig, M. Blumenstein and W. Vetter</i>	1697–1703	Heating of BDE-209 and BDE-47 in plant oil in presence of <i>o,p'</i> -DDT or iron(III) chloride can produce monochloro-polybromo diphenyl ethers
<i>S. M. Honoré, W. M. Cabrera, S. B. Genta and S. S. Sánchez</i>	1704–1715	Protective effect of yacon leaves decoction against early nephropathy in experimental diabetic rats
<i>S. J. Ban, C. W. Rico, I. C. Um and M. Y. Kang</i>	1716–1721	Hypoglycemic and antioxidative effects of hydroxyethyl methylcellulose in mice fed with high fat diet
<i>T. Cucu, B. De Meulenaer, C. Bridts, B. Devreese and D. Ebo</i>	1722–1728	Impact of thermal processing and the Maillard reaction on the basophil activation of hazelnut allergic patients
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<i>R. J. Schwen, L. Nguyen, J. B. Plomley and R. L. Jackson</i>	1741–1748	Toxicokinetics and lack of uterotrophic effect of orally administered S-equol
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<i>G. Meca, F. B. Luciano, T. Zhou, R. Tsao and J. Mañes</i>	1755–1762	Chemical reduction of the mycotoxin beauvericin using allyl isothiocyanate
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<i>J. C. Silva, S. Rodrigues, X. Feás and L. M. Esteveinho</i>	1790–1795	Antimicrobial activity, phenolic profile and role in the inflammation of propolis
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<i>F. Koschier, V. Kostrubsky and M. A. Gallo</i>	1813–1814	Response Letter to Food and Chemical Toxicology (23 December 2011)
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