

Research papers

- S. Rashid, A. Unyayar, M. A. Mazmanci, S. R. McKeown, I. M. Banat and J. Worthington* 1477–1483 A study of anti-cancer effects of *Funalia trogii* *in vitro* and *in vivo*
- A. Nougadère, J.-C. Reninger, J.-L. Volatier and J.-C. Leblanc* 1484–1510 Chronic dietary risk characterization for pesticide residues: A ranking and scoring method integrating agricultural uses and food contamination data
- J. George, M. Singh, A. K. Srivastava, K. Bhui and Y. Shukla* 1511–1520 Synergistic growth inhibition of mouse skin tumors by pomegranate fruit extract and diallyl sulfide: Evidence for inhibition of activated MAPKs/NF- κ B and reduced cell proliferation
- S. Jin and K.-H. Cho* 1521–1529 Water extracts of cinnamon and clove exhibits potent inhibition of protein glycation and anti-atherosclerotic activity *in vitro* and *in vivo* hypolipidemic activity in zebrafish
- A. Haritova, V. Urumova, M. Lutckanov, V. Petrov and L. Lashev* 1530–1536 Pharmacokinetic-pharmacodynamic indices of enrofloxacin in *Escherichia coli* O78/H12 infected chickens
- J.-R. Noh, Y.-H. Kim, G.-T. Gang, J. H. Hwang, H.-S. Lee, S.-Y. Ly, W.-K. Oh, K.-S. Song and C.-H. Lee* 1537–1543 Hepatoprotective effects of chestnut (*Castanea crenata*) inner shell extract against chronic ethanol-induced oxidative stress in C57BL/6 mice
- J. Y. W. Chan, C. M. Lau, T. L. Ting, T. C. W. Mak, M. H. M. Chan, C. W. K. Lam, C. S. Ho, C. C. Wang, T. F. Fok and K. P. Fung* 1544–1548 Gestational and lactational transfer of melamine following gavage administration of a single dose to rats
- F. Menichini, M. R. Loizzo, M. Bonesi, F. Conforti, D. De Luca, G. A. Statti, B. de Cindio, F. Menichini and R. Tundis* 1549–1555 Phytochemical profile, antioxidant, anti-inflammatory and hypoglycemic potential of hydroalcoholic extracts from *Citrus medica* L. cv Diamante flowers, leaves and fruits at two maturity stages
- M. K. Ozer, H. Asci, M. Oncu, M. Calapoglu, M. Savran, S. Yesilot, I. A. Candan and E. Cicek* 1556–1559 Effects of misoprostol on cisplatin-induced renal damage in rats
- Y. Yang, Y. Park, D. A. Cassada, D. D. Snow, D. G. Rogers and J. Lee* 1560–1564 *In vitro* and *in vivo* safety assessment of edible blue-green algae, *Nostoc commune* var. *sphaeroides* Kützing and *Spirulina plantensis*
- P. Erkekoğlu, W. Rachidi, O. G. Yüzügüllü, B. Giray, M. Öztürk, A. Favier and F. Hıncal* 1565–1571 Induction of ROS, p53, p21 in DEHP- and MEHP-exposed LNCaP cells-protection by selenium compounds
- J.-S. Bae* 1572–1577 Antithrombotic and profibrinolytic activities of phloroglucinol
- H.-C. Huang, C.-J. Lin, W.-J. Liu, R.-R. Jiang and Z.-F. Jiang* 1578–1583 Dual effects of curcumin on neuronal oxidative stress in the presence of Cu(II)

(Contents continued on inside back cover)

(Contents continued from outside back cover)

- A. N. Al-Dissi and L. P. Weber* 1584–1591 Resveratrol preserves cardiac function, but does not prevent endothelial dysfunction or pulmonary inflammation after environmental tobacco smoke exposure
- S. Erdogan, B. Ates, G. Durmaz, I. Yilmaz and T. Seckin* 1592–1597 Pressurized liquid extraction of phenolic compounds from Anatolia propolis and their radical scavenging capacities
- S. Fukuda, M. Terasawa and K. Shiomi* 1598–1603 Phosphatidylarsenocholine, one of the major arsenolipids in marine organisms: Synthesis and metabolism in mice
- C. Sunil and S. Ignacimuthu* 1604–1609 *In vitro* and *in vivo* antioxidant activity of *Symplocos cochinchinensis* S. Moore leaves containing phenolic compounds
- J. L. Bicas, I. A. Neri-Numa, A. L. T. G. Ruiz, J. E. De Carvalho and G. M. Pastore* 1610–1615 Evaluation of the antioxidant and antiproliferative potential of bioflavors
- K. N. Chidambara Murthy, G. K. Jayaprakasha and B. S. Patil* 1616–1625 Obacunone and obacunone glucoside inhibit human colon cancer (SW480) cells by the induction of apoptosis
- B. R. Kim, Y. K. Jeon and M. J. Nam* 1626–1632 A mechanism of apigenin-induced apoptosis is potentially related to anti-angiogenesis and anti-migration in human hepatocellular carcinoma cells
- A. Duran, M. Tuzen and M. Soylak* 1633–1637 Speciation of Cr(III) and Cr(VI) in geological and water samples by ytterbium(III) hydroxide coprecipitation system and atomic absorption spectrometry

Brief Communication

- M. M. Bergamaschi, G. K. S. Alcantara, D. A. R. Valério and R. H. C. Queiroz* 1638–1641 Curcumin could prevent methemoglobinemia induced by dapsone in rats