

Editorial

*A. Wallace Hayes, B. Delaney,
J. L. Domingo, S. Knasmueller,
S. M. Barlow and E. Perill*

2255

Introduction of the use of software for the detection of plagiarism

Research Papers

*D. Liu, T. Geng, L. Zhang, W. Yao,
A. Ding and M. Shan*

2256–2262

Acute and subacute toxicity and genotoxicity of schizonepetin, a naturally occurring monoterpenoid with antiviral activity

S.-F. Han, H. Zhang and C.-K. Zhai

2263–2269

Protective potentials of wild rice (*Zizania latifolia* (Griseb) Turcz) against obesity and lipotoxicity induced by a high-fat/cholesterol diet in rats

*X. Yuan, L. Liu, Y. Pu, X. Zhang,
X. He and Y. Fu*

2270–2274

2,3,7,8-Tetrachlorodibenzo-p-dioxin induces a proteomic pattern that defines cleft palate formation in mice

*F. C. da Silva, A. Arruda, A. Ledel,
C. Dauth, N. F. Romão, R. N. Viana,
A. de Barros Falcão Ferraz,
J. N. Picada and P. Pereira*

2275–2281

Antigenotoxic effect of acute, subacute and chronic treatments with Amazonian camu-camu (*Myrciaria dubia*) juice on mice blood cells

*M. C. Bigliani, V. Rossetti,
E. Grondona, S. L. Presti,
P. M. Paglini, V. Rivero, M. P. Zunino
and A. A. Ponce*

2282–2288

Chemical compositions and properties of *Schinus areira* L. essential oil on airway inflammation and cardiovascular system of mice and rabbits

J. Zhang and W. Zhou

2289–2293

Ameliorative effects of *SLC22A2* gene polymorphism 808 G/T and cimetidine on cisplatin-induced nephrotoxicity in Chinese cancer patients

S.-C. Ko, D. Kim and Y.-J. Jeon

2294–2302

Protective effect of a novel antioxidative peptide purified from a marine *Chlorella ellipsoidea* protein against free radical-induced oxidative stress

*M. Gargouri, F. Ghorbel-Koubaa,
M. Bonenfant-Magné, C. Magné,
X. Dauvergne, R. Ksouri, Y. Krichen,
C. Abdelly and A. E. Feki*

2303–2310

Spirulina or dandelion-enriched diet of mothers alleviates lead-induced damages in brain and cerebellum of newborn rats

*J. C. M. Barreira, S. Casal,
I. C. F. R. Ferreira, A. M. Peres,
J. A. Pereira and M. B. P. P. Oliveira*

2311–2317

Chemical characterization of chestnut cultivars from three consecutive years: Chemometrics and contribution for authentication

*S.-T. Ren, C.-F. Xu, Y.-X. Du,
X.-L. Gao, Y. Sun and Y.-N. Jiang*

2318–2324

The natural outcome of melamine-induced bladder stones with bladder epithelial hyperplasia after the withdrawal of melamine in mice

*I. E. A. Amara, A. Anwar-Mohamed,
G. Abdelhamid and A. O. S. El-Kadi*

2325–2334

Effect of mercury on aryl hydrocarbon receptor-regulated genes in the extrahepatic tissues of C57BL/6 mice

*S.-J. Yoon, E.-J. Koh, C.-S. Kim,
O.-P. Zee, J.-H. Kwak, W.-J. Jeong,
J.-H. Kim and S.-M. Lee*

2335–2341

Agrimonia eupatoria protects against chronic ethanol-induced liver injury in rats

<i>H. G. Kim, E. H. Han, W.-S. Jang, J. H. Choi, T. Khanal, B. H. Park, T. P. Tran, Y. C. Chung and H. G. Jeong</i>	2342–2348	Piperine inhibits PMA-induced cyclooxygenase-2 expression through downregulating NF- κ B, C/EBP and AP-1 signaling pathways in murine macrophages
<i>A. H. Betti, A. C. Stein, E. Dallegrave, A. T. B. Wouters, T. T. N. Watanabe, D. Driemeier, A. Buffon and S. M. K. Rates</i>	2349–2355	Acute and repeated-doses (28 days) toxicity study of <i>Hypericum polyanthemum</i> Klotzsch ex Reichardt (Guttiferare) in mice
<i>A. Prosperini, G. Meca, G. Font and M. J. Ruiz</i>	2356–2361	Study of the cytotoxic activity of beauvericin and fusaproliferin and bioavailability <i>in vitro</i> on Caco-2 cells
<i>A. L. Dawidowicz and M. P. Dybowski</i>	2362–2367	Determination of myristicin in commonly spices applying SPE/GC
<i>X. Chu, M. Wei, X. Yang, Q. Cao, X. Xie, M. Guan, D. Wang and X. Deng</i>	2368–2375	Effects of an anthraquinone derivative from <i>Rheum officinale</i> Baill, emodin, on airway responses in a murine model of asthma
<i>S. Oueslati, R. Romero-González, S. Lasram, A. G. Frenich and J. L. M. Vidal</i>	2376–2381	Multi-mycotoxin determination in cereals and derived products marketed in Tunisia using ultra-high performance liquid chromatography coupled to triple quadrupole mass spectrometry
<i>C. S. Oliveira, V. A. Oliveira, R. P. Ineu, L. Moraes-Silva and M. E. Pereira</i>	2382–2387	Biochemical parameters of pregnant rats and their offspring exposed to different doses of inorganic mercury in drinking water
<i>A. A. Troina, M. S. Figueiredo, M. C. F. Passos, A. M. Reis, E. Oliveira, P. C. Lisboa and E. G. Moura</i>	2388–2396	Flaxseed bioactive compounds change milk, hormonal and biochemical parameters of dams and offspring during lactation
<i>Y. Lee, Y. J. Kim, Y. J. Choi, J. W. Lee, S. Lee and H. W. Chung</i>	2397–2406	Enhancement of cisplatin cytotoxicity by benzyl isothiocyanate in HL-60 cells
<i>H.-S. Park, K.-I. Park, D.-H. Lee, S.-R. Kang, A. Nagappan, J.-A. Kim, E. H. Kim, W. S. Lee, S. C. Shin, Y.-S. Hah and G.-S. Kim</i>	2407–2416	Polyphenolic extract isolated from Korean <i>Lonicera japonica</i> Thunb. induce G2/M cell cycle arrest and apoptosis in HepG2 Cells: Involvements of PI3K/Akt and MAPKs
<i>H. Sang, L. Zhang and J. Li</i>	2417–2423	Anti-benzopyrene-7,8-diol-9,10-epoxide induces apoptosis via mitochondrial pathway in human bronchiolar epithelium cells independent of the mitochondria permeability transition pore
<i>G. Yang, X. Zhou, J. Wang, W. Zhang, H. Zheng, W. Lu and J. Yuan</i>	2424–2431	MEHP-induced oxidative DNA damage and apoptosis in HepG2 cells correlates with p53-mediated mitochondria-dependent signaling pathway
<i>N. Arnich, V. Sirot, G. Rivière, J. Jean, L. Noël, T. Guérin and J.-C. Leblanc</i>	2432–2449	Dietary exposure to trace elements and health risk assessment in the 2nd French Total Diet Study
<i>A. Mello, M. C. Medeiros, D. dos Santos Lacerda, R. B. de Andrade, T. Gemelli, R. B. Guerra, C. M. D. Wannmacher, R. Gomez and C. Funchal</i>	2450–2455	Toxicological evaluation of chronic exposure to the organochalcogen 3-methyl-1-phenyl-2-(phenylseleno)oct-2-en-1-one in male rats
<i>M. Molin, T. A. Ydersbond, S. M. Ulven, M. Holck, L. Dahl, J. J. Sloth, D. Fliegel, W. Goessler, J. Alexander and H. M. Meltzer</i>	2462–2472	Major and minor arsenic compounds accounting for the total urinary excretion of arsenic following intake of blue mussels (<i>Mytilus edulis</i>): A controlled human study
<i>R. Xu, H. Ye, Y. Sun, Y. Tu and X. Zeng</i>	2473–2480	Preparation, preliminary characterization, antioxidant, hepatoprotective and antitumor activities of polysaccharides from the flower of tea plant (<i>Camellia sinensis</i>)
<i>J. Delgado-Adámez, M. F. Fernández- León, B. Velardo-Micharet and D. González-Gómez</i>	2481–2486	In vitro assays of the antibacterial and antioxidant activity of aqueous leaf extracts from different <i>Prunus salicina</i> Lindl. cultivars
<i>M. Bhadauria</i>	2487–2495	Combined treatment of HEDTA and propolis prevents aluminum induced toxicity in rats
<i>X. Hui, J. Y. Domoradzki and H. C. Maibach</i>	2496–2502	<i>In vitro</i> study to determine decontamination of 3,5-dichloro-2,4,6-trifluoropyridine (DCTFP) from human skin
<i>A. Mandegary, M. Pournamdari, F. Sharififar, S. Pourourmohammadi, R. Fardiar and S. Shooli</i>	2503–2507	Alkaloid and flavonoid rich fractions of fenugreek seeds (<i>Trigonella foenum-graecum</i> L.) with antinociceptive and anti-inflammatory effects

<i>C.-K. Sung, S.-M. Kim, C.-J. Oh, S.-A. Yang, B.-H. Han and E.-K. Mo</i>	2508–2514	Taraxerone enhances alcohol oxidation via increases of alcohol dehydrogenase (ADH) and acetaldehyde dehydrogenase (ALDH) activities and gene expressions
<i>L. C. Dolan, E. Gietl, U. La Cognata, V. Landschütze, P. Ann Marone and R. A. Matulka</i>	2515–2523	Safety evaluation of fibermalt
<i>Y. M. Nkrumah-Elie, J. S. Reuben, A. Hudson, E. Taka, R. Badisa, T. Ardley, B. Israel, S. Y. Sadruddin, E. Oriaku and S. F. Darling-Reed</i>	2524–2530	Diallyl trisulfide as an inhibitor of benzo(a)pyrene-induced precancerous carcinogenesis in MCF-10A cells
<i>A. C. Vikström, M. Warholm, B. Paulsson, A. Axmon, E. Wirsäll and M. Törnqvist</i>	2531–2539	Hemoglobin adducts as a measure of variations in exposure to acrylamide in food and comparison to questionnaire data
<i>T. Xu, X. Guo, L. Zhang, F. Pan, J. Lv, Y. Zhang and H. Jin</i>	2540–2546	Multiple spectroscopic studies on the interaction between olaquindox, a feed additive, and bovine serum albumin
<i>M. Kobori, S. Masumoto, Y. Akimoto and H. Oike</i>	2547–2553	Phloridzin reduces blood glucose levels and alters hepatic gene expression in normal BALB/c mice
<i>A. Aslan, M. Cemek, M. E. Buyukokuroglu, K. Altuntas, O. Bas and Y. Yurumez</i>	2554–2559	Royal jelly can diminish secondary neuronal damage after experimental spinal cord injury in rabbits
<i>Y.-h. Yan, P.-z. Shang, Q.-j. Lu and X. Wu</i>	2560–2564	Triptolide regulates T cell-mediated immunity via induction of CD11c ^{low} dendritic cell differentiation
<i>C. K. Lee, K.-K. Park, A.-S. Chung and W.-Y. Chung</i>	2565–2574	Ginsenoside Rg3 enhances the chemosensitivity of tumors to cisplatin by reducing the basal level of nuclear factor erythroid 2-related factor 2-mediated heme oxygenase-1/NAD(P)H quinone oxidoreductase-1 and prevents normal tissue damage by scavenging cisplatin-induced intracellular reactive oxygen species
<i>T. Fierens, K. Servaes, M. Van Holderbeke, L. Geerts, S. De Henauw, I. Sioen and G. Vanermene</i>	2575–2583	Analysis of phthalates in food products and packaging materials sold on the Belgian market
<i>L. Zhu, B. Huang, X. Ban, J. He, Y. Chen, L. Han and Y. Wang</i>	2584–2588	<i>Coptis chinensis</i> inflorescence extract protection against ultraviolet-B-induced phototoxicity, and HPLC–MS analysis of its chemical composition
Brief Communication		
<i>K. M. Unice, A. D. Monnot, S. H. Gaffney, B. E. Tvermoes, K. A. Thueett, D. J. Paustenbach and B. L. Finley</i>	2456–2461	Inorganic cobalt supplementation: Prediction of cobalt levels in whole blood and urine using a biokinetic model