

CONTENTS

Volume 28 Number 3 May 2017

Articles

- 355 Development of a monoclonal antibody assay and a lateral flow strip test for the detection of paromomycin residues in food matrices
Joel Isanga, Daniel Mukunzi, Yanni Chen, Steven Suryoprabowo, Liqiang Liu, Hua Kuang and Chuanlai Xu
- 374 Immune-stimulatory potential of hot water extracts of selected edible mushrooms
Noorlidah Abdullah, Rosnina Abdulghani, Siti Marjiana Ismail and Mohamad Hamdi Zainal Abidin
- 388 Immune activation effects of *Eurotium cristatum* on T cells through NF- κ B signaling pathways in humans
Zheng-Fei Yan, Pei Lin, MooChang Kook, Tae-Hoo Yi and Chang-Tian Li
- 403 An immunochromatography test strip for rapid, quantitative and sensitive detection of furazolidone metabolite, 3-amino-2-oxazolidinone, in animal tissues
Yong Xie, Lei Zhang and Tao Le
- 414 Development of ic-ELISA and lateral-flow immunochromatographic assay strip for the detection of vancomycin in raw milk and animal feed
Dezhao Kong, Zhengjun Xie, Liqiang Liu, Shanshan Song, Hua Kuang and Chuanlai Xu
- 427 Rapid detection of aldicarb in cucumber with an immunochromatographic test strip
Liqiang Liu, Steven Suryoprabowo, Qiankun Zheng, Shanshan Song and Hua Kuang
- 439 Development of ic-ELISA and lateral-flow immunochromatographic assay strip for the simultaneous detection of avermectin and ivermectin
Zhengjun Xie, Dezhao Kong, Liqiang Liu, Shanshan Song and Hua Kuang
- 452 The absence of immunoreactivity to donkey's milk in patients with recurrent aphthous ulcers and immunoreactivity to cow's milk
Irina Besu, Tatjana Srdic-Rajic, Ivana Matić, Ljiljana Jankovic, Valeri Besu, Aleksandra Konic-Ristic and Zorica Juranic
- 463 Rapid and ultrasensitive detection of 3-amino-2-oxazolidinone in catfish muscle with indirect competitive enzyme-linked immunosorbent and immunochromatographic assays
Xi Ding, Liqiang Liu, Shanshan Song, Hua Kuang and Chuanlai Xu
- 476 Development of an indirect competitive enzyme-linked immunosorbent assay and immunochromatographic assay for hydrocortisone residues in milk
Zhongxing Wang, Zhengjun Xie, Gang Cui, Liqiang Liu, Shanshan Song, Hua Kuang and Chuanlai Xu
- 489 Simultaneous screening for marbofloxacin and ofloxacin residues in animal-derived foods using an indirect competitive immunoassay
Xiujin Chen, Zhaozhou Li, Jinying Guo, Daomin Li, Hongli Gao, Yao Wang and Chuanlai Xu
- 500 Microarray analysis of the transcriptome of the *Escherichia coli* (*E. coli*) regulated by cinnamaldehyde (CMA)
Songyi Lin, Rong Liang, Tiehua Zhang, Yuan Yuan, Suxia Shen and Haiqing Ye
- 516 A competitive direct enzyme-linked immunosorbent assay for the rapid detection of deoxynivalenol: development and application in agricultural products and feedstuff
Yan Zhang, Jian Yang, Yang Lu, Dong-Yue Ma, Mu Ge Qi and Shuo Wang

- 528 Effects of short-term consumption of *Morinda citrifolia* (Noni) fruit juice on mice intestine, liver and kidney immune modulation
Beatriz Coutinho de Sousa, Camila Botelho Miguel, Wellington Francisco Rodrigues, Juliana Reis Machado, Marcos Vinicius da Silva, Thiago Alvares da Costa, Javier Emilio Lazo-Chica, Thatiane do Prado Degasperi, Helioswilton Sales-Campos, Elizabeth Uber Bucek and Carlo José Freire Oliveira

Volume 28 Number 4 July 2017

Articles

- 543 Immunomodulatory perspectives of potential biological spices with special reference to cancer and diabetes
Muhammad Imran, Muhammad Nadeem, Farhan Saeed, Ali Imran, Moazzam Rafiq Khan, Muhammad Asif Khan, Sheraz Ahmed and Abdur Rauf
- 573 Expression of recombinant parvalbumin from wolf-herring fish and determination of its IgE-binding capability
Mohsen Mohammadi, Kobra Mokhtarian, Gholam Ali Kardar, Shokrollah Farrokhi, Esmaeil Sadroddiny, Mohammad Reza Khorramizadeh and Reza Falak
- 586 Influences of *Hyriopsis cumingii* polysaccharides on mice immunosignaling molecules and T lymphocyte differentiation
Deliang Qiao, Chuanbao Wei, Naidong Chen, Yunjiang Min, Haijun Xu and Rui Chen
- 599 Rapid and sensitive immunoassays for the detection of lomefloxacin and related drug residues in bovine milk samples
Daniel Mukunzi, Joel Isanga, Steven Suryoprabowo, Liqiang Liu and Hua Kuang
- 612 The toxicity of 3-monochloro-1,2-propanediol (+) to activated T cells in mice
Shuang Guan, Xin Yu, Baochen Fang, Yixuan Huang, Linli Xu and Jing Lu
- 625 Development of an immunochromatographic strip for the rapid detection of 10 β -agonists based on an ultrasensitive monoclonal antibody
Rui Liu, Liqiang Liu, Shanshan Song, Gang Cui, Qiankun Zheng, Hua Kuang and Chuanlai Xu
- 639 Development of indirect competitive enzyme-linked immunosorbent and immunochromatographic strip assays for carbofuran detection in fruits and vegetables
Leijun Yao, Liqiang Liu, Shanshan Song, Hua Kuang and Chuanlai Xu
- 652 Development and evaluation of a broad-specific immunochromatographic assay for screening of both tadalafil and its analogues in functional foods
Jie-Biao Guo, Wang-Pei Liu, Hua-Long Chen, Min-Ying Zhang and Xian-Quan Lan
- 668 Development of a monoclonal antibody assay and immunochromatographic test strip for the detection of amikacin residues in milk and eggs
Joel Isanga, Daniel Mukunzi, Yanni Chen, Steven Suryoprabowo, Liqiang Liu and Hua Kuang
- 685 Monoclonal antibodies against recombinant GAPDH of *Edwardsiella tarda* reveal the conserved nature of the protein
Husne Banu, Deepika Anand, Megha K Bedekar, K. V Rajendran and M. Makesh
- 699 Development of ic-ELISA and an immunochromatographic strip assay for the detection of methylmercury
Shuzhen Zou, Gang Cui, Liqiang Liu, Shanshan Song and Hua Kuang

- 711 *In vitro* anti-inflammatory activities of blacklip abalone (*Haliotis rubra*) in RAW 264.7 macrophages
Hafiz Ansar Rasul Suleria, Rama Addepalli, Paul Masci, Glenda Gobe and Simone A. Osborne
- 725 Effects of fermented cottonseed meal on growth performance, serum biochemical parameters, immune functions, antioxidative abilities, and cecal microflora in broilers
Yongwei Wang, Qingqing Deng, Dan Song, Weiwei Wang, Hang Zhou, Li Wang and Aike Li