

CONTENTS

Volume 24 Number 3 September 2013

ARTICLES

- Identification and characterisation of main allergic proteins in *Vitis vinifera* vitis
Reza Falak, Mojtaba Sankian, Reihaneh Noorbakhsh, Mohsen Tehrani, Mohammad Ali Assarehzadegan, Farahzad Jabbari Azad, Ahmad Abolhasani and Abdol-Reza Varasteh 255
- Determination of aflatoxin and fumonisin levels through ELISA and HPLC, on tilapia feed in Nayarit, Mexico
C.H. Rodríguez-Cervantes, A.J. Ramos, M.L. Robledo-Marenco, V. Sanchis, S. Marín and M.I. Girón-Pérez 269
- The production of anti-*Vibrio harveyi* egg yolk immunoglobulin and evaluation of its stability and neutralisation efficacy
Kawin Punyokun, Ratchanee Hongprayoon, Prapansak Srisapoome and Theerapol Sirinarumitr 279
- Phytochemical screening and effects on cell-mediated immune response of *Pleurotus* fruiting bodies powder
Gabriel Llauradó, Humberto J. Morris, Yamila Lebeque, Adrián Gutiérrez, Roberto Fontaine, Rosa C. Bermúdez and Isabelle Perraud-Gaime 295
- Reduced allergenicity of β -lactoglobulin in vitro by tea catechins binding
Xuli Wu, Xiaojun Zhong, Meixia Liu, Lixin Xia, Kaiqian Feng, Hui Wu and Zhigang Liu 305
- Effects of antibiotic therapy on the gastrointestinal microbiota and the influence of *Lactobacillus casei*
Angelika Pirker, Alexander Stockenhuber, Marlene Remely, Anna Harrant, Berit Hippe, Christoph Kamhuber, Krista Adelman, Felix Stockenhuber and Alexander G. Haslberger 315
- Monoclonal antibody-based solvent tolerable indirect competitive ELISA for monitoring ciprofloxacin residue in poultry samples
Jun-Jie Chen and Jin-Qing Jiang 331
- A sensitive chemiluminescent enzyme immunoassay for carbofuran residue in vegetable, fruit and environmental samples
Maojun Jin, Guonian Zhu, Renyao Jin, Shaoying Liu, Hua Shao, Fen Jin, Yirong Guo and Jing Wang 345
- Soybean glycinin- and β -conglycinin-induced intestinal immune responses in a murine model of allergy
Hong Sun, Xin Liu, Yi-Zhen Wang, Jian-Xin Liu and Jie Feng 357
- Distribution of glycinin in the gastrointestinal tissue of pigs at different growth stages
Yuan Zhao, Bing Zhang, Guixin Qin, Tao Wang, Jun Wang and Rui Han 371

ARTICLES

- Conjugation of functional oligosaccharides reduced in vitro allergenicity of β -lactoglobulin
Xuli Wu, Meixia Liu, Lixin Xia, Hui Wu, Zhigang Liu and Xiafei Xu 379
- Agaricus brasiliensis* mycelium and its polysaccharide modulate the parameters of innate and adaptive immunity
Kely C. Navegantes, Rosyana F. V. Albuquerque, Herta S. Dalla-Santa, Carlos R. Soccol and Marta C. Monteiro 393
- Antioxidant and immunomodulatory effects of a α -glucan from fruit body of maitake (*Grifola frondosa*)
Lei Hong, Wang Weiyu, Wang Qin, Guo Shuzhen and Wu lebin 409
- Heterologous immunoassay for screening macrolide antibiotics residues in milk based on the monoclonal antibody of tylosin
Jian Kang Zhang, Yong Hua Qi, Ju Xiang Liu and Jian Ping Wang 419
- Effect of Maillard reaction conditions on antigenicity of β -lactoglobulin and the properties of glycated whey protein during simulated gastric digestion
Zheng Li, Yongkang Luo, Ligeng Feng and Ping Liao 433
- Assessment of cross-reactivity in patients allergic to birch pollen by immunoblotting
Magdalena Żbikowska-Gotz, Jolanta Józwiak, Jolanta Maria Rędowicz, Andrzej Kuźmiński, Katarzyna Napiórkowska, Michał Przybyszewski, Ewa Socha, Zbigniew Bartuzi and Ewa Karczewska 445
- Development and validation of an enzyme-linked immunosorbent assay for rapid detection of multi-residues of five quinoxaline-1,4-dioxides in animal feeds
Tao Le, Jian Xu, Hongqiu He, Xiaodong Niu, Yong Chen and Yuyue Jia 457
- Development of an immunochromatographic assay for detection of tylosin and tilmicosin in muscle, liver, fish and eggs
Tao Le, Hongqiu He, Xiaodong Niu, Yong Chen and Jian Xu 467
- Development of a monoclonal antibody-based ELISA to detect *Escherichia coli* O157:H7
Min Feng, Qianqian Yong, Wenbing Wang, Hua Kuang, Libing Wang and Chuanlai Xu 481
- Allergen-specific immunoglobulin, histamine and T-cell responses induced by soybean glycinin and β -conglycinin in BALB/c mice of oral sensitisation
Hong Sun, Xin Liu, Yi-Zhen Wang, Jian-Xin Liu and Jie Feng 489