### **CONTENTS**

# Volume 27 Number 5 September 2016

## **Articles**

- 589 BALB/c mice can be used to evaluate allergenicity of different food protein extracts
  Cui Zhou, Tekutyeva Ludmila, Na Sun, Cuiyan Wang, Qiankun Pu, Kunlun Huang and Huilian Che
- 604 Comparative study of four physical approaches about allergenicity of soybean protein isolate for infant formula

  Huijing Li, Kexue Zhu, Huiming Zhou, Wei Peng and Xiaona Guo
- 624 Functional and binding characterization of a single chain Fv antibody to abscisic acid conjugated abscisic acid Xiaojiao Chen, Yao Lu, Guiyu Tan, Zhen Cao, Wei Liu, Baomin Wang, Mingcai Zhang and Zhaohu Li
- 643 Production and application of a monoclonal antibody (mAb) against ofloxacin in milk, chicken and pork
  Bitange N. Tochi, Juan Peng, Shanshan Song, Liqiang Liu, Hua Kuang and Chuanlai Xu
- 657 Effects of oat soluble and insoluble β-glucan on 1,2-dimethylhydrazine-induced early colon carcinogenesis in mice Rui-Ling Shen, Zhen Wang, Ji-Lin Dong, Qi-Sen Xiang and Yan-Qi Liu
- 667 Immunomodulatory potentials of the water-soluble yam (*Dioscorea opposita* Thunb) polysaccharides for the normal and cyclophosphamide-suppressed mice *Li-Xin Hao and Xin-Huai Zhao*
- 678 Development of sensitive and fast immunoassays for amantadine detection Liguang Xu, Shuang Peng, Liqiang Liu, Shanshan Song, Hua Kuang and Chuanlai Xu
- Development of a highly sensitive ELISA and immunochromatographic strip to detect pentachlorophenol Cheng Sun, Liqiang Liu, Shanshan Song, Hua Kuang and Chuanlai Xu
- 700 Eosinophils in patients suffering from atopic dermatitis and the relation to the occurrence of food allergy and other atopic diseases

  J. Čelakovská and J. Bukač
- 711 Bovine lactoferrin allergenicity as studied in murine model of allergy Hanane Negaoui, Kamel Eddine El Mecherfi, Sid Ahmed Tadjer, Hadria Grar, Omar Kheroua and Djamel Saidi
- 724 Heterogeneity of swine lung macrophages inoculated by porcine reproductive and respiratory syndrome virus Yaping Hu, Meichen Wang, Xuemei Zhang, Peng Wang, Huan Liu and Qinfu Wang
- 734 The severity of atopic dermatitis and the relation to the level of total IgE, onset of atopic dermatitis and family history about atopy

  J. Vaneckova and J. Bukač

## Volume 27 Number 6 November 2016

#### **Articles**

743 Immunochemical evaluation of proteolysis of cereal proteins causing celiac disease by microbial proteases

\*\*Barbara Mickowska, Peter Socha and Dana Urminská\*\*

- 758 In Vitro antioxidative and anti-inflammatory activities of the ethanol extract of eggplant (Solanum melongena) stalks in macrophage RAW 264.7 cells Kyungtaek Im, Ji Yeon Lee, Hyeyoung Byeon, Kwang Woo Hwang, Wonku Kang, Wan Kyunn Whang and Hyeyoung Min
- 772 Sandwich ELISA and immunochromatographic strip of Kunitz trypsin inhibitor using sensitive monoclonal antibodies

  Liguang Xu, Yuehong Song, Liqiang Liu, Shanshan Song, Jianping Zhu, Hua Kuang and Chuanlai Xu
- 783 Quick, easy, cheap, effective, rugged and safe strategy for quantifying cadmium polluted rice Liguang Xu, Changrui Xing, Liqiang Liu, Shanshan Song, Hua Kuang and Chuanlai Xu
- 796 An indirect competitive enzyme-linked immunosorbent assay for acrylamide detection based on a monoclonal antibody
  Yuting Zhu, Shanshan Song, Liqiang Liu, Hua Kuang and Chuanlai Xu
- 806 Preparation, immunological characterization and polyclonal antibody development for recombinant epitope tandem derived from bovine  $\beta$ -lactoglobulin Shengfa He, Xin Li, Jinyan Gao, Ping Tong, Jun Lu and Hongbing Chen
- 820 Anti-inflammatory effect of Algerian date fruit (*Phoenix dactylifera*)

  Houssem Eddine Kehili, Sakina Zerizer, Khadidja Aya Beladjila and Zahia Kabouche
- 830 Establishment of a monoclonal antibody-based indirect enzyme-linked immunosorbent assay for the detection of trimethoprim residues in milk, honey, and fish samples Yanni Chen, Liqiang Liu, Shanshan Song, Hua Kuang and Chuanlai Xu
- 841 Development of ic-ELISA and lateral-flow immunochromatographic assay strip for the detection of folic acid in energy drinks and milk samples Dezhao Kong, Liqiang Liu, Shanshan Song, Hua Kuang and Chuanlai Xu
- 855 Development of an immunochromatographic assay for hexestrol and diethylstilbestrol residues in milk

  Daniel Mukunzi, Bitange Nipa Tochi, Joel Isanga, Liqiang Liu, Hua Kuang and Chuanlai Xu
- 870 In vitro synthesis of a type A trichothecenes complete antigen from T-2 toxin
  Pengli Lu, Yaling Wang, Yapei Wang, Chaojin Wu, Lijun Sun, Defeng Xu, Xiaodong Sun, Jianrong Li
  and Ravi Gooneratne
- 886 Surface modification techniques and competitive immunoassay to detect residual ciprofloxacin in foods

  Mi-Sun Ha, Myung-Sub Chung and Dong-Ho Bae