

## SPECIAL ISSUE: MYCOTOXINS IN CHINA

<b>Foreword – special issue Mycotoxins in China</b>	<b>119</b>
<b>Current research and prevention of aflatoxins in China</b> <i>E. Tumukunde, G. Ma, D. Li, J. Yuan, L. Qin and S. Wang</i>	<b>121</b>
<b>Current PCR-based methods for the detection of mycotoxigenic fungi in complex food and feed matrices</b> <i>H. Ur Rahman, X. Yue, Q. Yu, W. Zhang, Q. Zhang and P. Li</i>	<b>139</b>
<b>Functional nanomaterials based immunological detection of aflatoxin B<sub>1</sub>: a review</b> <i>Y.-H. Zha and Y. Zhou</i>	<b>151</b>
<b>Detection of mycotoxins and toxigenic fungi in cereal grains using vibrational spectroscopic techniques: a review</b> <i>B. Jia, W. Wang, X.Z. Ni, X. Chu, S.C. Yoon and K.C. Lawrence</i>	<b>163</b>
<b>Deoxynivalenol: toxicological profiles and perspective views for future research</b> <i>H. Zhou, T. Guog, H. Dai, Y. Yu, Y. Zhang and L. Ma</i>	<b>179</b>
<b>Resistance to <i>Fusarium</i> head blight and mycotoxin accumulation among 129 wheat cultivars from different ecological regions in China</b> <i>Z. Yan et al.</i>	<b>189</b>
<b>Occurrence of <i>Fusarium</i> mycotoxins and toxigenic <i>Fusarium</i> species in freshly harvested rice in Jiangsu, China</b> <i>F. Dong, Y.J. Xing, Y.W. Lee, M.P. Mokoena, A.O. Olaniran, J.H. Xu and J.R. Shi</i>	<b>201</b>
<b>Survey for toxigenic <i>Fusarium</i> species on maize kernels in China</b> <i>P.W. Qin, J. Xu, Y. Jiang, L. Hu, T. van der Lee, C. Waalwijk, W.M. Zhang and X.D. Xu</i>	<b>213</b>
<b>Diversity and ochratoxin A-fumonisin profile of black <i>Aspergilli</i> isolated from grapes in China</b> <i>X. Huang, Z. Xiao, F. Kong, A.J. Chen, G. Perrone, Z. Wang, J. Wang and H. Zhang</i>	<b>225</b>
<b>Impact of the biofungicide tetramycin on the development of <i>Fusarium</i> head blight, grain yield and deoxynivalenol accumulation in wheat</b> <i>W.Q. Shi, L.B. Xiang, D.Z. Yu, S.J. Gong and L.J. Yang</i>	<b>235</b>
<b><i>Staphylococcus saprophyticus</i> L-38 produces volatile 3,3-dimethyl-1,2-epoxybutane with strong inhibitory activity against <i>Aspergillus flavus</i> germination and aflatoxin production</b> <i>A.D. Gong, G.J. Sun, Z.Y. Zhao, Y.C. Liao and J.B. Zhang</i>	<b>247</b>
<b>Inhibitory effect of <i>Enterobacter cloacae</i> 3J1EC on <i>Aspergillus flavus</i> 3.4408 growth and aflatoxin production</b> <i>X. Dong, Q. Zhang, Z. Zhang, X. Yue, L. Zhang, X. Chen, W. Zhang, L. Chen and P. Li</i>	<b>259</b>
<b>Environmental-friendly gold nanoparticle immunochromatographic assay for ochratoxin A based on biosynthetic mimetic mycotoxin-conjugates</b> <i>K-H. You, X-E. Luo, W-J. Hu, Y. Xu, J-B. Guo and Q-H. He</i>	<b>267</b>
<b>Rapid isolation of non-aflatoxigenic <i>Aspergillus flavus</i> strains</b> <i>W. Zhang, X. Chang, Z. Wu, J. Dou, Y. Yin, C. Sun and W. Wu</i>	<b>277</b>
<b>Degradation of ochratoxin A by supernatant and ochratoxinase of <i>Aspergillus niger</i> W-35 isolated from cereals</b> <i>M. Zhao, X.Y. Wang, S.H. Xu, G.Q. Yuan, X.J. Shi and Z.H. Liang</i>	<b>287</b>
<b>Quercetin protects the buffalo rat liver (BRL-3A) cells from aflatoxin B<sub>1</sub>-induced cytotoxicity via activation of Nrf2-ARE pathway</b> <i>X. Wang, L. Li and G. Zhang</i>	<b>299</b>
<b>Risk assessment of mycotoxins in stored maize: case study of Shandong, China</b> <i>Y. Dong, L. Fan, J. Liang, L. Wang, X. Yuan, Y. Wang and S. Zhao</i>	<b>313</b>