

Contents

Foreword Y. Liu	439
Recent mycotoxin survey data and advanced mycotoxin detection techniques reported from China: a review J.N. Selvaraj, Y. Wang, L. Zhou, Y. Zhao, F. Xing, X. Dai and Y. Liu	440
Biogeography of <i>Fusarium graminearum</i> species complex and chemotypes: a review T. van der Lee, H. Zhang, A. van Diepeningen and C. Waalwijk	453
Ochratoxin A and ochratoxin-producing fungi on cereal grain in China: a review L. Zhihong, H. Kumun and L. Yunbo	461
Biological control as a strategy to reduce the impact of mycotoxins in peanuts, grapes and cereals in Argentina S.N. Chulze, J.M. Palazzini, A.M. Torres, G. Barros, M.L. Ponsone, R. Geisen, M. Schmidt-Heydt and J. Köhl	471
A method of analysis for T-2 toxin and neosolaniol by UPLC-MS/MS in apple fruit inoculated with <i>Trichothecium roseum</i> Y. Tang, H. Xue, Y. Bi, Y. Li, Y. Wang, Y. Zhao and K. Shen	480
Quantitation of multiple mycotoxins and cyanogenic glucosides in cassava samples from Tanzania and Rwanda by an LC-MS/MS-based multi-toxin method M. Sulyok, F. Beed, S. Boni, A. Abass, A. Mukunzi and R. Krska	488
Natural incidence of <i>Fusarium</i> species and fumonisins B ₁ and B ₂ associated with maize kernels from nine provinces in China in 2012 M. Fu, R. Li, C. Guo, M. Pang, Y. Liu and J. Dong	503
Ochratoxin A in Chinese dried jujube: method development and survey X. Zhang, X. Ou, Z. Zhou and L. Ma	512
Natural occurrence of aflatoxins and ochratoxin A in processed spices marketed in Malaysia N. Ali, N.H. Hashim and N.S. Shuib	518
Role of the European corn borer (<i>Ostrinia nubilalis</i>) on contamination of maize with 13 <i>Fusarium</i> mycotoxins M. Blandino, V. Scarpino, F. Vanara, M. Sulyok, R. Krska and A. Reyneri	533
Effect of ozone treatment on deoxynivalenol and quality evaluation of ozonised wheat M.M. Li, E.Q. Guan and K. Bian	544
Inhibition of aflatoxin metabolism and growth of <i>Aspergillus flavus</i> in liquid culture by a DNA methylation inhibitor K. Yang, Z. Zhuang, F. Zhang, F. Song, H. Zhong, F. Ran, S. Yu, G. Xu, F. Lan and S. Wang	554
Degradation of ochratoxin A by <i>Bacillus amyloliquefaciens</i> ASAG1 X. Chang, Z. Wu, S. Wu, Y. Dai and C. Sun	564
<i>Streptomyces</i> – <i>Aspergillus flavus</i> interactions: impact on aflatoxin B accumulation C. Verheecke, T. Liboz, P. Anson, Y. Zhu and F. Mathieu	572
The <i>ctuG</i> gene encodes carbonic anhydrase involved in mycotoxin citrinin biosynthesis from <i>Monascus aurantiacus</i> Y.-P. Li, X. Tang, W. Wu, Y. Xu, Z.-B. Huang and Q.-H. He	577
Purification and full characterisation of citreoviridin produced by <i>Penicillium citreonigrum</i> in yeast extract sucrose (YES) medium M.W. da Rocha, I.S. Resck and E.D. Caldas	584
Prevention of toxigenic fungal growth in stored grains by carbon dioxide detection H.-C. Zhai, S.-B. Zhang, S.-X. Huang and J.-P. Cai	596
Assessment and characterisation of yeast-based products intended to mitigate ochratoxin exposure using <i>in vitro</i> and <i>in vivo</i> models A. Pfohl-Leszkowicz, K. Hadjeba-Medjdoub, N. Ballet, J. Schrickx and J. Fink-Gremmels	604
Ameliorative effects of <i>Bacillus subtilis</i> ANSB01G on zearalenone toxicosis in pre-pubertal female gilts L. Zhao, Y. Lei, Y. Bao, R. Jia, Q. Ma, J. Zhang, J. Chen and C. Ji	617