

**Volume 34 Issue 1 November 2013**

- 1 Beauvericin degradation during bread and beer making  
G. MECA (Spain), T. ZHOU, X.-Z. LI (Canada) & J. MAÑES (Spain)
- 9 Estimation of the within-batch prevalence and quantification of human pathogenic *Yersinia enterocolitica* in pigs at slaughter  
G. VANANTWERPEN, K. HOUF, I. VAN DAMME, D. BERKVENS & L. DE ZUTTER (Belgium)
- 13 Survival of acid-adapted *Escherichia coli* O157:H7 and not-adapted *E. coli* on beef treated with 2% or 5% lactic acid  
M.K. YOUSSEF (Canada, Egypt), X. YANG, M. BADONI & C.O. GILL (Canada)
- 19 Development of a real-time PCR method for the simultaneous detection of mackerel and horse mackerel  
M. PRADO (Belgium, Portugal), A. BOIX & C. VON HOLST (Belgium)
- 24 Inactivation of natural microflora and inoculated *Listeria innocua* on whole raw shrimp by ozonated water, antimicrobial coatings, and cryogenic freezing  
M. GUO (China), T.Z. JIN (USA), R. YANG (China), R. ANTENUCCI, B. MILLS, J. CASSIDY, O.J. SCULLEN, J.E. SITES, K.T. RAJKOWSKI & C.H. SOMMERS (USA)
- 31 Natural occurrence of aflatoxins in maize harvested in Serbia during 2009–2012  
J. KOS, J. MASTILOVIĆ, E.J. HAJNAL & B. ŠARIĆ (Serbia)
- 35 Survey of aflatoxin in dairy cow feed and raw milk in China  
R.W. HAN, N. ZHENG, J.Q. WANG, Y.P. ZHEN, X.M. XU & S.L. LI (PR China)
- 40 Dot blot and PCR for *Brettanomyces bruxellensis* detection in red wine  
F. CECCHINI, L. IACUMIN, M. FONTANOT, P. COMUZZO, G. COMI & M. MANZANO (Italy)
- 47 Detection of seagull meat in meat mixtures using real-time PCR analysis  
Z. KESMEN, Y. CELEBI, A. GÜLLÜCE & H. YETIM (Turkey)
- 50 Effectiveness of sampling plans by attributes based on mixture distributions characterising microbial clustering in food  
A. MUSSIDA (Ireland), U. GONZALES-BARRON (Ireland, Portugal) & F. BUTLER (Ireland)
- 61 Chitosan films for the microbiological preservation of refrigerated sole and hake fillets  
P. FERNÁNDEZ-SAIZ, G. SÁNCHEZ, C. SOLER, J.M. LAGARON & M.J. OCIO (Spain)
- 69 The species identification of bovine, porcine, ovine and chicken components in animal meals, feeds and their ingredients, based on COX I analysis and ribosomal DNA sequences  
M. NATONEK-WIŚNIEWSKA, P. KRZYŚCIN & A. PIESTRZYŃSKA-KAJTOCH (Poland)
- 79 Direct and indirect contamination with ochratoxin A of ripened pork products  
T. BERTUZZI, A. GUALLA, M. MORLACCHINI & A. PIETRI (Italy)
- 84 Antimicrobial resistance and genetic characterization of *Campylobacter* spp. from three countries  
K. WIECZOREK (Poland), G.A. DYKES (Malaysia), J. OSEK (Poland) & L.L. DUFFY (Australia)

- 92 Prevalence of parasitic contamination of raw vegetables in Khorramabad, Iran  
B. EZATPOUR, A.S. CHEGENI, F. ABDOLLAHPOUR, M. AAZAMI & M. ALIREZAEI (Iran)
- 96 Table olive fermentation with multifunctional *Lactobacillus pentosus* strains  
F. RODRÍGUEZ-GÓMEZ (Spain), J. BAUTISTA-GALLEGRO (Spain, Italy), F.N. ARROYO-LÓPEZ, V. ROMERO-GIL, R. JIMÉNEZ-DÍAZ, A. GARRIDO-FERNÁNDEZ & P. GARCÍA-GARCÍA (Spain)
- 106 Optimal delivery cycles for joint distribution of multi-temperature food  
C.-I. HSU, W.-T. CHEN & W.-J. WU (ROC)
- 115 Mycobiota and identification of aflatoxin gene cluster in marketed spices in West Africa  
G.J.B. GNONLONFIN (Kenya), Y.C. ADJOVI, A.F. TOKPO (Benin), E.D. AGBEKPONOU, Y. AMEYAPOH, C. DE SOUZA (Togo), L. BRIMER (Denmark) & A. SANI (Benin)
- 121 Prevalence, characterisation, and antimicrobial resistance of *Listeria* species and *Listeria monocytogenes* isolates from raw milk in farm bulk tanks  
H. JAMALI (Malaysia), B. RADMEHR (Iran) & K.L. THONG (Malaysia)
- 126 Barriers, benefits and motivation factors for the implementation of food safety management system in the food sector in Harare Province, Zimbabwe  
L. MACHEKA, F.A. MANDITSERA, R.T. NGADZE, J. MUBAIWA & L.K. NYANGA (Zimbabwe)
- 132 Effect of the gamma radiation on histamine production, lipid peroxidation and antioxidant parameters during storage at two different temperatures in sardine (*Sardina pilchardus*)  
N. MALTAR-STRMEČKI, B. LJUBIĆ-BEER, R. LAŠKAJ, J. ALADROVIĆ & P. DŽAJA (Croatia)
- 138 Determination of deoxynivalenol (DON) and its derivatives: Current status of analytical methods  
R. RAN, C. WANG, Z. HAN, A. WU, D. ZHANG & J. SHI (China)
- 149 Effect of atmospheric pressure cold plasma (APCP) on the inactivation of *Escherichia coli* in fresh produce  
D. BERMÚDEZ-AGUIRRE, E. WEMPLINGER, P. PEDROW, G. BARBOSA-CÁNOVAS & M. GARCIA-PEREZ (USA)
- 158 Determination of the peroxide value in extra virgin olive oils through the application of the stepwise orthogonalisation of predictors to mid-infrared spectra  
C. PIZARRO, I. ESTEBAN-DÍEZ, S. RODRÍGUEZ-TECEDOR & J.M. GONZÁLEZ-SÁIZ (Spain)
- 168 Primary characterization of bacteriocin paracin C – A novel bacteriocin produced by *Lactobacillus paracasei*  
J. PEI, Y. YUAN & T. YUE (PR China)
- 177 *Salmonella* and *Campylobacter* prevalence and concentration on pasture-raised broilers processed on-farm, in a Mobile Processing Unit, and at small USDA-inspected facilities  
L.M. TRIMBLE, W.Q. ALALI, K.E. GIBSON, S.C. RICKE, P. CRANDALL, D. JARONI & M. BERRANG (USA)
- 183 Yeast diversity of traditional alcohol fermentation starters for Hong Qu glutinous rice wine brewing, revealed by culture-dependent and culture-independent methods  
X.-C. LV, X.-L. HUANG, W. ZHANG, P.-F. RAO & L. NI (China)
- 191 *Alternaria* mycotoxins in wheat – A 10 years survey in the Northeast of Germany  
M.E.H. MÜLLER & U. KORN (Germany)
- 198 Modeling growth kinetics of *Listeria monocytogenes* in pork cuts from packaging to fork under different storage practices  
A. DE CESARE (Italy), A. VALERO (Spain), A. LUCCHI, F. PASQUALI & G. MANFREDA (Italy)
- 208 Essential oil of Algerian rose-scented geranium (*Pelargonium graveolens*): Chemical composition and antimicrobial activity against food spoilage pathogens  
M.N. BOUKHATEM, A. KAMELI & F. SAIDI (Algeria)
- 214 Antibacterial performance of solvent cast polycaprolactone (PCL) films containing essential oils  
A. MARTÍNEZ-ABAD, G. SÁNCHEZ, V. FUSTER, J.M. LAGARON & M.J. OCIO (Spain)
- 221 Efficient inner filter effect of gold nanoparticles on the fluorescence of CdS quantum dots for sensitive detection of melamine in raw milk  
X. CAO, F. SHEN, M. ZHANG, J. GUO, Y. LUO, X. LI, H. LIU, C. SUN & J. LIU (China)
- 230 Preliminary study on time–temperature indicator (TTI) system based on urease  
D. WU, Y. WANG, J. CHEN, X. YE, Q. WU, D. LIU & T. DING (China)
- 235 Investigation of food and water microbiological conditions and foodborne disease outbreaks in the Federal District, Brazil  
M.M. NUNES, A.L.A.A. MOTA & E.D. CALDAS (Brazil)
- 241 Monitoring Aflatoxin M1 levels in ewe's and goat's milk in Thessaly, Greece; potential risk factors under organic and conventional production schemes  
E. MALISSIOVA, A. TSAKALOF, I.S. ARVANITIOYANNIS, A. KATSAFLIACA, A. KATSIOLIS, P. TSERKEZOU, M. KOUREAS, A. GOVARIS & C. HADJICHRISTODOULOU (Greece)
- 249 Commercialization of a critically endangered species (largetooth sawfish, *Pristis perotteti*) in fish markets of northern Brazil: Authenticity by DNA analysis  
C.A. MELO PALMEIRA, L.F. DA SILVA RODRIGUES-FILHO, J.B. DE LUNA SALES, M. VALLINOTO, H. SCHNEIDER & I. SAMPAIO (Brazil)
- 253 Corrigendum to "Assessing accumulation (growth and internal mobility) of *Salmonella* Typhimurium LT2 in fresh-cut cantaloupe (*Cucumis melo* L.) for optimization of decontamination strategies" [Food Control 32 (2013) 574–581]  
E. CHIMBOMBI (Botswana), R.G. MOREIRA, E.M. CASTELL-PEREZ, A.F. PUERTA-GOMEZ & L. CISNEROS-ZEVALLOS (USA)