
REVIEWS

- Evaluation of Current Molecular Approaches for Genotyping of *Campylobacter jejuni* Strains** 375

M.U. Ahmed, L. Dunn, and E.P. Ivanova

- Process Mapping the Prevalence of *Salmonella* Contamination on Pork Carcass from Slaughter to Chilling: A Systematic Review Approach** 386

A.M. O'Connor, B. Wang, T. Denagamage, and J. McKean

- Human Enteric Pathogen Internalization by Root Uptake into Food Crops** 396

K.A. Hirneisen, M. Sharma, and K.E. Kniel

ORIGINAL ARTICLES

- Microbiological Surveillance of a Bovine Raw Milk Farm Through Multiplex Real-Time PCR** 406

G. Amagliani, A. Petruzzelli, E. Omiccioli, F. Tonucci, M. Magnani, and G. Brandi

- Validation of a Method for Simultaneous Isolation of Shiga Toxin-Producing *Escherichia coli* O26, O103, O111, and O145 from Minced Beef by an International Ring-Trial** 412

K. Verstraete, L. De Zutter, J. Robyn, G. Daube, L. Herman, M. Heyndrickx, M.-A. de Schaetzen, and K. De Reu

- Standardization and International Multicenter Validation of a PulseNet Pulsed-Field Gel Electrophoresis Protocol for Subtyping *Shigella flexneri* Isolates** 418

M. Pichel, S.P. Brengi, K.L.F. Cooper, E.M. Ribot, S. Al-Busaidy, P. Araya, J. Fernández, T.I. Vaz, K.M. Kam, M. Morcos, E.M. Nielsen, C. Nadon, G. Pimentel, E. Pérez-Gutiérrez, P. Gerner-Smidt, and N. Binsztein, for the Shigella flexneri PulseNet PFGE Protocol Working Group

- A Longitudinal Study of the Establishment and Proliferation of *Enterococcus* on a Dairy Farm** 425

G.M. Shipp and J.S. Dickson

- Gastrointestinal Disease Outbreak Detection Using Multiple Data Streams from Electronic Medical Records** 431

S.K. Greene, J. Huang, A.M. Abrams, D. Gilliss, M. Reed, R. Platt, S.S. Huang, and M. Kulldorff

(continued)

- Inactivation Kinetics of Spores of *Bacillus cereus* Strains Treated by a Peracetic Acid–Based Disinfectant at Different Concentrations and Temperatures** 442
N. Sudhaus, M.C. Pina-Pérez, A. Martínez, and G. Klein
- Detection of *Helicobacter pylori* in Bovine, Buffalo, Camel, Ovine, and Caprine Milk in Iran** 453
E. Rahimi and E.K. Kheirabadi
- Subtyping of *Escherichia coli* O157:H7 Strains Isolated from Human Infections and Healthy Cattle in Argentina** 457
B.A. D’Astek, L.L. del Castillo, E. Miliwebsky, C. Carbonari, P.M. Palladino, N. Deza, I. Chinen, E. Manfredi, G.A. Leotta, M.O. Masana, and M. Rivas
- Trend Analysis of Antimicrobial Resistance in *Campylobacter jejuni* and *Campylobacter coli* Isolated from Belgian Pork and Poultry Meat Products Using Surveillance Data of 2004–2009** 465
W. Mattheus, N. Botteldoorn, K. Heylen, B. Pochet, and K. Dierick
- Analysis of *Campylobacter jejuni* Whole-Genome DNA Microarrays: Significance of Prophage and Hypervariable Regions for Discriminating Isolates** 473
L.G. Pittenger, J.G. Frye, V. McNerney, J. Reeves, J. Haro, P.J. Fedorka-Cray, M.A. Harrison, and M.D. Englen
- Purine Biosynthesis Mutants (*purA* and *purB*) of Serotype 4b *Listeria monocytogenes* Are Severely Attenuated for Systemic Infection in Intragastrically Inoculated A/J Mice** 480
N.G. Faith, J.-W. Kim, R. Azizoglu, S. Kathariou, and C. Czuprynski