
Contents

EDITORIAL

- Sohier, D.** SPORE2009 spore-forming bacteria in foods 175

REVIEW ARTICLES

- Carlin, F.** Origin of bacterial spores contaminating foods 177
Peck, M.W., Stringer, S.C. and Carter, A.T. *Clostridium botulinum* in the post-genomic era 183
Lindström, M., Heikinheimo, A., Lahti, P. and Korkeala, H. Novel insights into the epidemiology of *Clostridium perfringens* type A food poisoning 192
Abee, T., Groot, M.N., Tempelaars, M., Zwietering, M., Moezelaar, R. and Van der Voort, M. Germination and outgrowth of spores of *Bacillus cereus* group members: Diversity and role of germinant receptors 199
Augustin, J.-C. Challenges in risk assessment and predictive microbiology of foodborne spore-forming bacteria 209
Cutting, S.M. *Bacillus* probiotics 214

ORIGINAL ARTICLES

- Brul, S., van Beilen, J., Caspers, M., O'Brien, A., de Koster, C., Oomes, S., Smelt, J., Kort, R. and Ter Beek, A.** Challenges and advances in systems biology analysis of *Bacillus* spore physiology; molecular differences between an extreme heat resistant spore forming *Bacillus subtilis* food isolate and a laboratory strain 221
Stringer, S.C., Webb, M.D. and Peck, M.W. Lag time variability in individual spores of *Clostridium botulinum* 228
Tourasse, N.J., Helgason, E., Klevan, A., Sylvestre, P., Moya, M., Haustant, M., Økstad, O.A., Fouet, A., Mock, M. and Kolstø, A.-B. Extended and global phylogenetic view of the *Bacillus cereus* group population by combination of MLST, AFLP, and MLEE genotyping data 236
Caspers, M.P.M., Schuren, F.H.J., van Zuijlen, A.C.M., Brul, S., Montijn, R.C., Abee, T. and Kort, R. A mixed-species microarray for identification of food spoilage bacilli 245
Coton, M., Denis, C., Cadot, P. and Coton, E. Biodiversity and characterization of aerobic spore-forming bacteria in surimi seafood products 252
Jan, S., Brunet, N., Techer, C., Le Maréchal, C., Koné, A.Z., Grosset, N., Cochet, M.F., Gillard, A., Gautier, M., Puterflam, J. and Baron, F. Biodiversity of psychrotrophic bacteria of the *Bacillus cereus* group collected on farm and in egg product industry 261
Xiao, Y., Francke, C., Abee, T. and Wells-Bennik, M.H.J. Clostridial spore germination versus bacilli: Genome mining and current insights 266

(Contents continued on inside back cover)

(Contents continued from outside back cover)

van Melis, C.C.J., Nierop Groot, M.N., Tempelaars, M.H., Moezelaar, R. and Abee, T. Characterization of germination and outgrowth of sorbic acid-stressed <i>Bacillus cereus</i> ATCC 14579 spores: Phenotype and transcriptome analysis	275
Dommel, M.K., Lücking, G., Scherer, S. and Ehling-Schulz, M. Transcriptional kinetic analyses of cereulide synthetase genes with respect to growth, sporulation and emetic toxin production in <i>Bacillus cereus</i>	284
Planchon, S., Dargaignaratz, C., Levy, C., Ginies, C., Broussolle, V. and Carlin, F. Spores of <i>Bacillus cereus</i> strain KBAB4 produced at 10 °C and 30 °C display variations in their properties	291
Samapundo, S., Everaert, H., Wandutu, J.N., Rajkovic, A., Uyttendaele, M. and Devlieghere, F. The influence of headspace and dissolved oxygen level on growth and haemolytic BL enterotoxin production of a psychrotolerant <i>Bacillus weihenstephanensis</i> isolate on potato based ready-to-eat food products	298
Antolinos, V., Muñoz, M., Ros-Chumillas, M., Aznar, A., Periago, P.M. and Fernández, P.S. Combined effect of lysozyme and nisin at different incubation temperature and mild heat treatment on the probability of time to growth of <i>Bacillus cereus</i>	305
Jaloustre, S., Cornu, M., Morelli, E., Noël, V. and Delignette-Muller, M.L. Bayesian modeling of <i>Clostridium perfringens</i> growth in beef-in-sauce products	311
Malakar, P.K., Barker, G.C. and Peck, M.W. Quantitative risk assessment for hazards that arise from non-proteolytic <i>Clostridium botulinum</i> in minimally processed chilled dairy-based foods	321

CALENDAR

I

LIST OF REVIEWERS

III