



Food Microbiology

Special Issue
4th International Symposium on Sourdough – From Arts to Science
14-17 October 2009, Freising, Germany

Guest Editors
R. F. Vogel and M. G. Gänzle

Contents

Vogel, R.F. and Gänzle, M.G. Editorial	665
De Vuyst, L., Vrancken, G., Ravyts, F., Rimaux, T. and Weckx, S. Biodiversity, ecological determinants, and metabolic exploitation of sourdough microbiota	666
Moroni, A.V., Dal Bello, F. and Arendt, E.K. Sourdough in gluten-free bread-making: An ancient technology to solve a novel issue?	676
Nout, M.J.R. Rich nutrition from the poorest – Cereal fermentations in Africa and Asia	685
Poutanen, K., Flander, L. and Katina, K. Sourdough and cereal fermentation in a nutritional perspective	693
Serrazanetti, D.I., Guerzoni, M.E., Corsetti, A. and Vogel, R. Metabolic impact and potential exploitation of the stress reactions in lactobacilli	700
Gänzle, M.G., Zhang, C., Monang, B.-S., Lee, V. and Schwab, C. Novel metabolites from cereal-associated lactobacilli – Novel functionalities for cereal products?	712
Vrancken, G., Rimaux, T., Wouters, D., Leroy, F. and De Vuyst, L. The arginine deiminase pathway of <i>Lactobacillus fermentum</i> IMDO 130101 responds to growth under stress conditions of both temperature and salt	720
Vera, A., Rigobello, V. and Demarigny, Y. Comparative study of culture media used for sourdough lactobacilli	728
Katina, K., Maina, N.H., Juvonen, R., Flander, L., Johansson, L., Virkki, L., Tenkanen, M. and Laitila, A. <i>In situ</i> production and analysis of <i>Weissella confusa</i> dextran in wheat sourdough	734
Zannini, E., Garofalo, C., Aquilanti, L., Santarelli, S., Silvestri, G. and Clementi, F. Microbiological and technological characterization of sourdoughs destined for bread-making with barley flour	744
CALENDAR	754

Database coverage includes *Biological Abstracts (BIOSIS)*; *Chemical Abstracts*; *Current Contents/Agriculture, Biology, and Environmental Science*; *Dairy Science Abstracts*; *Food Science and Technology Abstracts*; *Maize Abstracts*; and *Research Alerts*. Also covered in the abstract and citation database *SCOPUS®*. Full text available on *ScienceDirect®*.

