

BIOSCIENCE of MICROBIOTA, FOOD and HEALTH

INSTRUCTION TO AUTHORS

BIOSCIENCE of MICROBIOTA, FOOD and HEALTH (BMFH) is the official joint scientific journal of The Intestinal Microbiology Society, Japan Society for Lactic Acid Bacteria and Japanese Association for Food Immunology. BMFH publishes original research and review articles, quarterly, in English, pertaining to all areas of intestinal microbiota of humans and other animals, food immunology, food function, and lactic acid bacteria. The aim of this journal is to exchange information on scientific and technological findings and to accelerate new borderless investigation/collaboration in these wide research areas.

Topics of each area covered include:

- Intestinal microbiota of humans and animals
 - composition, ecology, metabolic activities and taxonomy of intestinal microbiota/bacteria
 - factors affecting intestinal microbiota
 - roles of intestinal microbiota in host immunity, physiology, health and disease
 - development and use of probiotics, prebiotics and biogenics
- Lactic acid bacteria (LAB)
 - taxonomy, ecology, metabolism and applications of LAB
 - biotechnology, molecular biology and omics of LAB
 - fermentation, fermented foods and starter cultures
 - health effects of LAB and fermented foods
- Food immunology and food function
 - effects of food on innate and adaptive immunity
 - food modulation of immune diseases and health
 - evaluation methods of immune responses and food function
 - intestinal immune responses
 - etiological surveys and clinical studies of food allergy and life style-related diseases

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1. Miki T, Okada N, Danbara H. 2004. Two periplasmic disulfide oxidoreductases, DsbA and SrgA, target outer membrane protein SpiA, a component of the *Salmonella* pathogenicity island 2 type III secretion system. *J Biol Chem* 279: 34631–34642.
2. Yonezawa H, Osaki T, Kurata S, Fukuda M, Kawakami H, Ochiai K, Hanawa T, Kamiya S. 2009. Outer membrane vesicles of *Helicobacter pylori* TK1402 are involved in biofilm formation. *BMC Microbiol* 9: 197. Available at: <http://www.biomedcentral.com/1471-2180/9/197> (accessed 2011-08-02)
3. Salminen S, von Wright A, Ouwehand A. (eds). 2004. *Lactic Acid Bacteria: Microbiological and Functional Aspects*, Marcel Dekker, New York.
4. Hirayama K, Rafter J. 2006. Probiotics in cancer prevention. *In* *Probiotics in Food Safety and Human Health*, Goktepe I, Juneja VK, Ahmedna M (eds), CRC Press, Boca Raton, pp. 365–381.

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