

R-1 Lactic Acid Bacteria Research

Papers related to R-1 function

<p>Consumption of yogurt fermented with <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> OLL1073R-1 augments serum antibody titers against seasonal influenza vaccine in healthy adults. (2022)</p>	<p>Author</p>	<p>Hemmi J¹⁾, Makino S^{1),2)}, Yokoo T¹⁾, Kano H^{1),2)}, Asami Y¹⁾, Takeda K^{2),3)}, Suzuki Y⁴⁾, Kawai S⁴⁾, Nagaoka I⁵⁾, Sawaki K⁴⁾, Okumura K^{2),6)}</p> <p>1) Food Microbiology and Function Research Laboratories, R&D Division, Meiji Co., Ltd. 2) Department of Biofunctional Microbiota, Graduate School of Medicine, Juntendo University. 3) Laboratory of Cell Biology, Research Support Center, Graduate School of Medicine, Juntendo University. 4) Graduate School of Health and Sports Science, Juntendo University. 5) Department of Host Defense and Biochemical Research, Graduate School of Medicine, Juntendo University. 6) Atopy (Allergy) Research Center, Graduate School of Medicine, Juntendo University.</p>
<p>Anti-Fatigue Effects of Yogurt Fermented with <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> OLL1073R-1 in Healthy People Suffering from Summer Heat Fatigue: A Randomized, Double-Blind, Placebo-Controlled Trial. (2018)</p>	<p>Author</p>	<p>Makino S, Hemmi J, Kano H, Kashiwagi M, Hojo K, Asami Y.</p>
<p>Exopolysaccharides from <i>Lactobacillus delbrueckii</i> OLL1073R-1 modulate innate antiviral immune response in porcine intestinal epithelial cells. (2017)</p>	<p>Author</p>	<p>Kanmani P, Albarracin L, Kobayashi H, Iida H, Komatsu R, Humayun Kober AKM, Ikeda-Ohtsubo W, Suda Y, Aso H, Makino S, Kano H, Saito T, Villena J, Kitazawa H</p>
<p>Effects of yogurt fermented with <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> OLL1073R-1 on the IgA flow rate of saliva in elderly persons residing in a nursing home: A before-after non-randomised intervention study. (2017)</p>	<p>Author</p>	<p>Yamamoto Y, Fujino K, Saruta J, Takahashi T, To M, Fuchida S, Shimizu T, Kamata Y, Misawa K, Tsukinoki K</p>
<p>Enhanced natural killer cell activation by exopolysaccharides derived from yogurt fermented with <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> OLL1073R-1. (2016)</p>	<p>Author</p>	<p>Makino S, Sato A, Goto A, Nakamura M, Ogawa M, Chiba Y, Hemmi J, Kano H, Takeda K, Okumura K, Asami Y.</p>
<p>Structure determination of the neutral exopolysaccharide produced by</p>	<p>Author</p>	<p>Van Calsteren Marie-Rose, Gagnon Fleur, Nishimura Junko, Makino Seiya.</p>

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<i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> OLL1073R-1. (2015)	Journal	Carbohydrate Research 413:115-122 (2015)
Influence of Different Sterilization Conditions on the Growth and Exopolysaccharide of <i>Streptococcus thermophilus</i> and Co-Cultivation with <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> OLL1073R-1. (2015)	Author	Junko Nishimura, Seiya Makino, Katsunori Kimura, Emiko Isogai, Tadao Saito
	Journal	Advances in Microbiology 5(11):760-767 (2015)
Oral administration of <i>Lactobacillus delbrueckii</i> subspecies <i>bulgaricus</i> OLL1073R-1 suppresses inflammation by decreasing interleukin-6 responses in a murine model of atopic dermatitis (2013)	Author	Kano H, Kita J, Makino S, Ikegami S, Itoh H
	Journal	Journal of Dairy Science 96: 3525-3534 (2013)
Effects of culture conditions and uses of EPS produced by yogurt lactic acid bacteria (2013)	Author	Makino S, Ikegami S
	Journal	Nyusankin Gakkaishi 24(1):10-17 (2013)
Effect of formic acid on exopolysaccharide production in skim milk fermentation by <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> OLL1073R-1 (2013)	Author	Nishimura J, Kawai Y, Aritomo R, Ito Y, Makino S, Ikegami S, Isogai E, Saito T
	Journal	Bioscience of Microbiota, Food and Health 32(1): 23-32 (2013)
Effect of <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> OLL1073R-1 (1073R-1 lactic acid bacteria) fermented yogurt on cedar pollen allergy (2012)	Author	Makino S, Ikegami S, Itoh Y, Okubo K
	Journal	Clinical Allergy 32:61-66 (2012)
Effects of oral administration of yogurt fermented with <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> OLL1073R-1 and its exopolysaccharides against influenza virus infection in mice (2011)	Author	Nagai T, Makino S, Ikegami S, Itoh H and Yamada H
	Journal	International Immunopharmacology 11(12): 2246-2250 (2011)
Reducing the risk of infection in the elderly by dietary intake of yoghurt fermented with <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> OLL1073R-1 (2010)	Author	Makino S, Ikegami S, Kume A, Horiuchi H, Sasaki H and Orii N
	Journal	British Journal of Nutrition 104, 998-1006 (2010)
Immunodefensive use of EPS produced by <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> OLL1073R-1 (2010)	Author	Ikegami S, Makino S
	Journal	Shokuhin Kogyo 53 (2): 36-43 (2010)
Immunostimulatory effects of yogurt fermented with <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> OLL1073R-1 and its exopolysaccharides (2009)	Author	Makino S
	Journal	Milk Science 58(2): 35-40 (2009)
Immunoregulatory effects of <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> OLL1073R-1 containing yogurt (2008)	Author	Makino S, Ikegami S
	Journal	Food Style 21 12(10): 43-45 (2008)
Immunoregulatory effects of polysaccharide produced by <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> OLL1073R-1 (2006)	Author	Makino S, Ikegami S, Kano H, Sashihara T, Sugano H, Horiuchi H, Saito T, and Oda M
	Journal	Journal of Dairy Science 89: 2873-2881 (2006)

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Immunoregulatory effects of <i>Lactobacillus bulgaricus</i> produced polysaccharides (2004)	Author	Makino S, Ikegami S, Kano H, Sashihara T, Saito T, Oda M
	Journal	Milk Science 53(3): 161-164 (2004)
Functional alteration of murine macrophages stimulated with extracellular polysaccharides from <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> OLL1073R-1 (2003)	Author	Nishimura-Uemura J, Kitazawa H, Kawai Y, Itoh T, Oda M, Saito T
	Journal	Food Microbiology 20: 267-273 (2003)
Oral administration of milk fermented with <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> OLL1073R-1 to DBA/1 mice inhibit secretion of proinflammatory cytokines (2002)	Author	Kano H, Mogami O, Uchida M
	Journal	Cytotechnology 40(1-3): 67-73 (2002)
Oral intake of <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> OLL1073R-1 prevents collagen-induced arthritis in mice (2002)	Author	Kano H, Kaneko T, Kaminogawa S
	Journal	Journal of Food Protection 65(1): 153-160 (2002)
Chemical characterization of exocellular polysaccharide from <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> OLL1073R-1 (1998)	Author	Uemura J, Itoh T, Kaneko T, Noda K
	Journal	Milchwissenschaft 53(8): 443-446 (1998)
Phosphate group requirement for mitogenic activation of lymphocytes by an extracellular phosphopolysaccharide from <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> (1998)	Author	Kitazawa H, Harata T, Uemura J, Saito T, Kaneko T, Itoh T
	Journal	International Journal of Food Microbiology 40: 169-175 (1998)