Propionic Acid Fermentate Research

Papers on the effects of propionic acid fermentates

Characteristic of milk whey culture with *Propionibacterium freudenreichii* ET-3 and its application to the inflammatory bowel disease therapy (2007)	Author	Uchida M, Mogami O, Matsueda K
	Journal	Inflammopharmacology 15(3): 105-108 (2007)
Enhancement of 1,4-dihydroxy-2-naphthoic acid production by *Propionibacterium freudenreichii* ET-3 fed-batch culture (2007)	Author	Furuichi K, Katakura Y, Ninomiya K, Shioya S
	Journal	Applied and Environmental Microbiology 73(10): 3137-3143 (2007)
Treatment of ulcerative colitis with propionic acid bacteria whey fermentation product (2007)	Author	Mitsuyama K, Masuda J, Yamazaki H, Kuwaki K, Kitazaki S, Koga H, Uchida K, Sata M
	Journal	Chonai Saikingaku Zasshi 21(2): 143-147 (2007)
Aerobic culture of *Propionibacterium freudenreichii* ET-3 can increase production ratio of 1,4-dihydroxy-2-naphthoic acid to menaquinone (2006)	Author	Furuichi K, Hojo K, Katakura Y, Ninomiya K, Shioya S
	Journal	Journal of Bioscience and Bioengineering 101(6): 464-470 (2006)
Optimal aerobic cultivation method for 1,4-dihydroxy-2-naphthoic acid production by *Propionibacterium freudenreichii* ET-3 (2006)	Author	Furuichi K, Amano A, Katakura Y, Ninomiya K, Shioya S
	Journal	Journal of Bioscience and Bioengineering 102(3): 198-205 (2006)
Efficacy of the bifidogenic growth stimulator produced by *Propionibacterium freudenreichii* ET-3 (2005)	Author	Uchida M, Yoda N, Hojo K
	Journal	Foods & Food Ingredients Journal of Japan 210 (12): 1132-1140 (2005)
Milk whey culture with *Propionibacterium freudenreichii* ET-3 Is Effective on the Colitis Induced by 2,4,6-Trinitrobenzene Sulfonic Acid in Rats (2005)	Author	Uchida M, Mogami O
	Journal	Journal of Pharmacological Sciences 99(4): 329-334 (2005)
Effect of whey fermentation product by propionic acid bacteria product on dextran sodium sulfate (DSS) induced mouse colitis and 2, 4, 6-trinitrobenzene sulfonic acid (TNBS) induced rat colitis (2005)	Author	Narushima S, Mogami O, Morikubo K, Uchida K
	Journal	Kaiyo 32(2): 164-167 (2005)
Bifidobacteria growth-promoting substances produced by propionic acid bacteria (2005)	Author	Hoji K
	Journal	Food Style 21 9(11): 49-52 (2005)

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Bifidobacteria growth-promoting effect of propionic acid bacteria produced substance (2004)	Author	Yoda N
	Journal	ILSI 80: 5-13 (2004)
Effect on fecal bacteria, contamination products and bowel movements—propionic acid bacteria whey fermentation product containing a new bifidobacteria growth-promoting substances and intake by tube feed elderly (2004)	Author	Seki K, Nakao H, Umino H, Isshiki Y, Yoda N, Tachihara R, Ohuchi T, Saruda S, Suzuki K, Mitsuoka C
	Journal	Chonai Saikingaku Zasshi 18(2): 107-115 (2004)
Effectiveness of propionic acid bacteria produced whey fermentation product (part 3) caregiver questionnaire (2003)	Author	Seki K, Umino H, Isshiki Y, Yoda N, Nakao H, Ikuta M, Saruda S, Suzuki K
	Journal	Iyaku to Yakugaku 49(6): 933-940 (2003)
Effectiveness of propionic acid bacteria produced whey fermentation product (part 2) questionnaire test results in a double blind cross-over study in nursing home residents (2003)	Author	Seki K, Umino H, Isshiki Y, Yoda N, Nakao H, Amano Y, Ishino T, Kanaya S, Hioki Y
	Journal	Iyaku to Yakugaku 49(6): 925-931 (2003)
Effectiveness of propionic acid bacteria produced whey fermentation product (part 1) questionnaire test results in a double blind cross-over study in healthy elderly subjects (2003)	Author	Seki K, Nakao H
	Journal	Iyaku to Yakugaku 49(6): 917-923 (2003)
Isolation and identification of a new Bifidogenic growth stimulator produced by *Propionibacterium freudenreichii* ET-3 (2002)	Author	Isawa K, Hojo K, Yoda N, Kamiyama T, Makino S, Saito M, Sugano H, Mizoguchi C, Kurama S, Shibasaki M, Endo N, Sato Y
	Journal	Bioscience, Biotechnology, and Biochemistry 66(3): 679-681 (2002)
Effect of Ingested culture of *Propionibacterium freudenreichii* ET-3 on fecal microflora and stool frequency in healthy females (2002)	Author	Hojo K, Yoda N, Tsuchita H, Ohtsu T, Seki K, Taketomo N, Murayama T, Iino H
	Journal	Bioscience and Microflora 21(2): 115-120 (2002)
Effect of *Propionibacterium freudenreichii* ET-3 strain fermentation product on the stool frequency of healthy female university students (2001)	Author	Yoda N, Hoji K, Takeuchi H, Ohtsu T, Taketomo N, Iino H
	Journal	Kenko Eiyo Shokuhen Kenkyu 4(1): 35-44 (2001)
A nobel bifidogenic growth stimulator produced by Propionbacterium freudenreichii (1999)	Author	Kaneko T
	Journal	Bioscience and Microflora 18(2): 73-80 (1999)
Effects of culture-powder of *Propionibacterium freudenreichii* ET-3 on fecal microflora of normal adults (1999)	Author	Satomi K, Kurihara H, Isawa K, Mori H, Kaneko T
	Journal	Bioscience and Microflora 18(1): 27-30