

Beta Glucan Synbiotic

Formula References

A Novel High-amylose Barley Cultivar Lowers Plasma cholesterol and Alters Indices of Large-bowel Fermentation in Pigs. Bird AR, Jackson M, King RA, Davies DA, Usher S, Topping DL. *Br J Nutr*, 92 (4): 607-15 2004.

Accumulation and Distribution of Free Folic Acid Content in Red Beet (*Beta vulgaris* L.). Wang M, Goldman IL. *Plant Foods Hum Nutr*, 50 (1): 108 1997

Aflatoxins in Food: Occurrence, Biosynthesis, Effects on Organisms, Detection, and Methods of Control. Ellis W.O, Smith J.P., Simpson B.K., Oldham J.H. *Critical Reviews in Food Science and Nutrition* 30 (4): 403-439 1991.

Analysis of Antioxidant Activities of Common Vegetables Employing Oxygen Radical Absorbance Capacity (ORAC) and Ferric Reducing Antioxidant Power Assays: a Comparative Study. Ou B, Huang D, Hampsch-Woodill M, Flanagan JA, Deemer EK. *J Agric food Chem*, 50 (11): 3122-8 2002

Antagonistic Activities of Lactobacilli and Bifidobacteria Against Microbial Pathogens. Servin A. *FEMS Microbiol Rev*. 28 (4): 405-40 2004

Antagonistic Efficacy of Lactic Acid Bacteria Against Seafood-borne Bacteria. Kannappan s, Manja K. *Journal of Food Science and Technology*. 41 (1): 50-59 2004.

Antibacterial Effect of the Adhering Human *Lactobacillus acidophilus* Strain LB Coconneir M, Lievein V, Bernet-Camard M, Hudault S, Servin A. *Antimicrobial Agents and Chemotherapy*: p. 1046-1052 May 1997

Antimicrobial Susceptibility of Bifidobacteria> Moubareck C, Gavini F, Vauglen L, Butel M, Doucet F, *J Antimicrob Chemother*. 2004.

Antimutagenic Activity of Several Probiotic Bifidobacteria Against Benzo[a]pyrene. Lo P., Yu R, Chou C, Tsai Y. *Journal of Bioscience and Bioengineering*. 94 (2):148-153 2002.

Antimutagenicity and the Influence of Physical factors in binding *Lactobacillus gasseria* and *Bifidobacterium longum* Cells to Amino Acid Pyrolysates. Sreekumar O, Hosono A. *Journal of Dairy Science*. 81 (6): 1508-1516 1998.

Antioxidative Ability of Lactic Acid Bacteria. Lin M, Yen, C. *Journal of Agricultural and Food Chemistry*. 47 (4): 1460-1466 1999.

Antitumorigenic Activity of the Prebiotic Inulin Enriched with Oligofructose in Combination with the Probiotic *Lactobacillus rhamnosus* and *Bifidobacterium lactis* on Azoxymethane Induced Colon Carcinogenesis in Rats. Femia A, Luceri < Giannini A,

Biggeria A, Salvadori M, Clune Y, Collins, K. *Carcinogenesis*. 23 (11): 1953-1960 2002.

Betalains- A New Class of Dietary Cationized Antioxidants. Kanner J, Harel S, Granit RJ. *Agric Food Chem*, 49 (11): 5178-85 2001

Bifidobacterium longum, a Lactic Acid Producing Intestinal Bacterium Inhibits Colon Cancer and Modulates the Intermediate Biomarkers of Colon Carcinogenesis. Singh J, Rivenson A, Tomita M, Shimamura S, Ishibashi N, Reddy B. *Carcinogenesis*. 18 (4): 833-841 1997.

Bifidobacterium longum and Lactulose Suppress Azoxymethane Induced Colonic Aberrant Crypt Foci in Rats. Challa A, Rao D, Chawan C, Shackelford L. *Carcinogenesis*. 18 (3): 517-521 1997.

Biosynthesis and Radical Scavenging Activity of Betalains During the Cultivation of Red Beet (*Beta vulgaris*) Hairy Root Cultures. Pavlov A, Kovatcheva P, Georgiev V, Koleva I, Ilieva M. *Z Naturforsch (C)*, 57(7-8): 640-4 2002

Characteristics of Fatty Acid Composition of Lipids in Higher Plant Vacuolar Membranes. Makarenko SP, Konenkina TA, Salvaev RK. *Membr Cell Fiol*, 13 (5):687-95 2000.

Colonic Food: Pre and Probiotics. Bengmark S. *Am J Gastroenterol*, 95(1Suppl): S5-7 2000

Effect of *Bifidobacterium longum* and Inulin on Gut Bacterial Metabolism and Carcinogen Induced Aberrant Crypt Foci in Rats. Rowland I, Rumney C, Coutts J, Lievens L. 19 () 281-285 1998.

Effect of *Bifidobacterium longum* Ingestion on Experimental Salmonellosis in Mice. Silva A, Barbosa F, Duarte R, Vieira L, Arantes R, Nicoli J. *Appl Microbiol* 97 (1): 29-37 2004

Effect of Intestinal Bacteria on Formation of Azoxymethane-induced Aberrant Crypt Foci in the Rat Colon. Armiochi H, Kinouchi T, Kataoka K, Kuwahara T, Ohnishi Y. *Biochemical and Biophysical Research Communications*. 238 (3): 753-757 1997.

Effect of the Lactic Acid Bacterium *Streptococcus thermophilus* on Stratum Corneum Ceramide Levels and Signs and Symptoms of Atopic Dermatitis Patients. Di Marzio Lk Centi C, Cinque B, Masci S, Giuliani M, Arcieri A, Zicari L de Simone C, Cifone M. *Exp Dermatol*. 12 (5): 615-20 2003.

Gut Microbial Ecology in Critical Illness: Is there a role for prebiotics, probiotics, and synbiotics? Bengmark S,. *Curr Opin Crit Care*, 8 (2): 145-51 2002.

Inability of Red Beet Betalain Pigments to Initiate or Promote Hepatocarcinogenesis. Schqwartz SJ, von Elbe Jh, Parioza MW, Goldsworthy T, Pitot HC. *Food Chem Toxicol*, 21 (5): 531-5 1983

Influence of Carcinogen binding by Lactic Acid-producing Bacteria on Tissue Distribution and in vivo Mutagenicity of Dietary Carcinogens. Bolobnani F, Rumney CJ, Rowland IR *Food and Chemical Toxicology* 35(6): 535-545 1997.

Inhibition of Adhesion of Enteroinvasive Pathogens to Human Intestinal Caco-2 Cells by *Lactobacillus acidophilus* Strain LB decreases Bacterial Invasion. Coconnier M, Kerneis S, Chauviere G, Fournait J. *FEMS Microbiology Letters* 110 (3): 299-305 1993.

Inhibitory Activity of *Bifidobacterium longum* HY8001 Against Vero Cytotoxin of *Escherichia coli* 0157:H7. Kim S, Yang S, Koo H, Bae W, Kim J, Oark J, Baek Y, Park Y. *Journal of Food Protection*. 64 (11): 1667-1673 2001.

Inhibitory Effect of *Bifidobacterium longum* Cultures on the Azoxymethane Induced Aberrant Crypt Foci Formation and Fecal Bacterial β -glucuronidase. Kulkarni N, Reddy B. *Proceedings of the Society for Experimental Biology and Medicine*. 207 (3):278-283 1994.

Inhibitory Effect of *Bifidobacterium longum* on colon, Mammary and Liver Carcinogenesis Induced by 2 Amino-3-methylimidazo[4,5-f] Quinoline, a food Mutagen. Reddy B, Rivenson A. *Cancer Research*. 53 (17): 3914-3918 1993.

Inhibitory Effects of *Bifidobacterium longum* on Experimental Ulcerative Colitis induced in Mice by Synthetic Dextran Sulfate Sodium. Fujiwara M, Kanelko T, Iwana H, Taketomo N, Tsunoo H, Kanno J, Ohkusa T, Okayasu I. *Digestion*. 67 (1-2): 90-95 2003.

Intestinal Microflora in Patients with Liver Cirrhosis. Zhao H, Wang H, Lu Z, Xu S, Chin J. *Dig Dis.* 5(2): 64-7 2004

Isolation of Cholesterol-lowering Lactic Acid Bacteria From Human Intestine For Probiotic Use. Lim H, Kim S, Lee W. *J Vet Sci.* 5 (4): 391-5 2004

Lactic Acid Bacteria Induce Apoptosis Inhibition in Salmonella typhimurium Infected Macrophages. Valdez JC, Rachid M, Gobbato N, Perdigon G. *Food and Agricultural Immunology.* 13 (3): 189-197 2001.

Lactic Acid Bacteria Secrete Metabolites Retaining Anti-inflammatory Properties After Intestinal Transport. Manard S, Candalh, C, Bambou J, Terpend K, Cerf-Bensussan N, Heyman M. *Gut.* 53 (6): 821-8 2004.

Lactobacillus and Bifidobacterium Mediated Antigenotoxicity in the Colon of Rats. Pool-Zobel B, Neudecker C, Domizlaff L, Ji S, Schillinger U, Rumeny C, Moretti M, Vilarini I, Scassellati R, Rowland I. *Nutrition and Cancer.* 26 (3): 365-380 1996.

Lowering of Ochratoxin A Level in Milk by Yoghurt Bacteria and Bifidobacteria. Skrinjar M, Rasic J, Stojicic V. *Folia Microbiologica,* 41 (1): 26-28 1996.

Microbiological Studies of feed and Faeces of fatteners fed mixtures Containing Naked Oat and Permutite. Gajewska J, Fabijaa M, Garboli M. *Acta Microbiol Pol* 51(1): 63-9 2002.

Probiotics, Cecal Microflora and Aberrant Crypts in the Rat Colon. Gallher DD, Stallings W, Blessing L, Busta F, Brady L. *Journal of Nutrition.* 126 (5): 1362-1371 1996.

Probiotics in the Treatment of Irritable Bowel Syndrome. Saggiaro A. *J Clin Gastroenterol.* 38 (6): 104-6 2004.

Probiotics Inhibit TNF alpha Induced Interleukin-8 Secretion of HT29 Cells. Bai A, Ouyang Q, Zhang W, Wang C, Li S. *World J Gastroenterol.* 10(3): 455-7 2004.

Probiotics Reduce Bacterial Colonization and Gastric Inflammation in H. pylori Infected Mice. Johnson-Henry K, Mitchell D, Avitzur Y, Galindo-Mata I, Jones N, Sherman P. *Dig Dis Sci.* 49 (7-8): 1095-102 2004.

Probiotics Reduce the CD34+ Hemopoietic Precursor Cell Increased Traffic in Allergic Subjects. Mastrandrea F, Coradduzza G, Serio G, Minardi A, Manelli M, Ardito S, Muratore L. *Allerg Immunol (Paris).* 36 (4): 118-22 2004

Removal of Aflatoxins by Viable and Heat-killed Lactic Acid Bacteria and Bifidobacteria. Var I., Kaba B. Archiv Fur Lebensmittelhygiene 55(5): 106-109 2004.

Selective in Vitro Binding of Dietary Mutagens, Individually or in Combination, by Lactic Acid Bacteria. Turbic A, Ahokas J, Haskard C. Food Additives nad Contanimants. 19 (2): 144-152 2002.

Supply of Pre and Probitoics Reduces Bacterial infection Rates After Liver Transplantation- A Randomized, Double-blind Trial. Rayes N, Seehofer D, Neuhaus P. American Journal of Transplation 5 (1): 125-130 2005.

Suppressing Effect of Lactobacillus casei Adminsitration on the Urinary Mutagenicity Arising or Ingestion of Fried Ground Beef in the Human. Hayatsu H, Hayatsu T. Cancer Letters. 73 (2-3): 173-179 1993.

The Effect of Lactobacillus Strains and Oat Fiber on Methotrexate. Mao Y, Nobaek S, Kasravi B, Adawi D, Stenram U, Molin G, Jeppsson B. Gastroenterology, 111(2) p 334-344 1996.

The Effect of Milk and Lactobacillus Feeding on Human Intestinal Bacterial Enzyme Activity. Goldin B, Gorbach S. American journal of clinical Nutrition. 39 (5): 756-761 1984.

The Effect of Red Beet (Beta vulgaris ver. Rubra) Fiber on Alimentary Hypercholesterolemia and Chemically induced Colon Carcinogenesis in Rats. Bobek P, Galbava S, Mariaissyovai M. Nahrung, 44 (3): 184-7 2000

Tolerance of Probiotics and Prebiotics. Marteau P, Seksik P. J Clin Gastroenterol. 38 (6): 67-69 2004

BioImmersion Inc.

227 Bellevue Way NE, #85

Bellevue, WA 98004

425.451.3112

www.bioimmersion.com