

## DAFTAR PUSTAKA

- Abbas AK, Litchman AH, Pillai S (2007). Cellular and molecular immunology, Saunders Elsevier.
- Akuzawa R, Surono IS (2002). Fermented milk in Asia. In: Roginsky H, Fuquay JW, Fox PF (eds). Encyclopedia of dairy science. London: Academic Press Ltd.: 1045-1048
- Arifin M, Pramono VJ (2014). Pengaruh pemberian sinbiotik sebagai alternatif pengganti Antibiotic Growth Factor Promotor terhadap pertumbuhan dan ukuran vili usus ayam broiler. *Jurnal Sain Veteriner*, 32(2).
- Aslinar, Jurnal YD, Purwati E, Sayoeti Y (2014). Probiotic *Weissella paramesenteroides* on enteropathogenic *Escherichia coli*-induced diarrhea. *Paediatrica indonesia*, 54(1): 1-8.
- Astawan M, Wresdiyati T, Arief I, Suhestia E (2011). Gambaran hematologis tikus putih (*Rattus norvegicus*) yang diinfeksi *Escherichia coli* enteropatogenik dan diberikan probiotik. *Jurnal Media Peternakan*, 34(1):7-13.
- Asviandri (2013). Pengaruh pemberian *Weissella paramesenteroides* isolate dadih terhadap frekuensi buang air besar, kadar secretory immunoglobulin A dan tinggi vili ileum pada mencit diare yang diinduksi *Enteropathogenic Escherichia coli*. Padang, Universitas Andalas. Tesis.
- Baratawidjaja KG (2014). *Imunologi dasar edisi ke-11*. Jakarta: Badan Penerbit, FKUI.
- Bodera P, Chcialowski A (2009). Immunomodulatory effect of probiotic bacteria. *Recent Patens on Inflammation & Allergy Drug Discovery*, 3(1):58-64.
- Dewi E, Khairil, Mudatsir (2013). Analisis potensi antibakteri teh rosella terhadap paparan Enteropathogenic *Escherichia coli* (EPEC) pada mencit (*Mus musculus*). *Jurnal Kedokteran Syiah Kuala*, 13(2):77-85.
- Dharmawan J, Surono IS, Lee YK (2006) Adhesion properties of indigenous lactic acid bacteria on human intestinal mucosa surface. *Asian-Australian Journal of Animal Sciences* 19: 751-755
- Elida M (2002). Profil bakteri asal laktat dari dadih yang difermentasi dalam berbagai jenis bambu dan potensinyasebagai probiotik. Bogor: Pasca Sarjana Institut Pertanian Bogor. Tesis.

- Farhana F (2011). Production of fermented cow's milk using isolated dominant lactic acid bacteria and yeasts obtained from dadih's fermentation process. Microbiology School of Life Sciences and Technology. Bandung: Intitute Teknologi Bandung. Abstratct of Final Project.
- Fonden R, Mogensen G, Tanaka R, Salminen S (2000). Culture-containing dairy product-effect on intestinalmicroflora, human nutrition and health: current knowledge and future perspectives. Bull Int. Dairy Fed. 352: 1-30
- Guarner F, Garisch J, Eliakim R (2009). World gastroenterology organization practice guidelines: Probiotics and prebiotics. Arab Journal of Gatroenterology, 33-42.
- Guarner F, Perdigon G, Corthier G, Salminen S, Koletzko B, Morelli L (2005). Should yoghurt culture be considered as probiotic?. British Journal of Nutrition 93: 783-786
- Hasono A, Wardoyo R, Otani H (1989). Microbial flora in dadih, a traditional fermented milk in Indonesia. Lebensmittel-Wissenschaft &Technologie 22: 20-24
- Havenaar R, Huis In't Veld JHJ (1992). Probiotics: a general view. In: BJB Wood (ed). Lactic acid bacteria in health and disease vol. 1. Amsterdam: Elsevier Applied Science Publishers. pp: 151-171
- Hemaiswarya S, Raja R, Ravikumar R, Carvalho IS (2013). Mechanism of action of probiotic. Braz. Arch. Biol. Technol. v.56 n.1: 113-119
- Hickson M, (2011). Probiotics in prevention at antibiotic-associated diarrhea and Clostridium difficile infection. Therapeutic advances in Gatroenterology 4 (3): 185-197
- Hsu TR, Chen SJ, Wu TC, Chung RL, Tang RB (2005). Tumor necrotng factor alpha and interleukin 10 in viral and bacterial gastroenteritis in children. J chin med vassoc, 68(6).
- Ibrahim L (2008). Evaluasi kualitas produk dadih dalam bentuk bubuk yang dikeringkan dengan sinar matahari dan oven. Jurnal Peternakan Indonesia, 11 (2): 129-133.
- Joint Food and Agriculture Organization/World Health Organization Working Group (2002). Guidelines for evaluation of probiotics in food. [www.fao.org/es/esn/food/](http://www.fao.org/es/esn/food/) Diakses pada Maret 2016
- Kaila M, Isolauri E, Soppi E, Virtanen E, Laine A, Arvilommi H (1992) Enhancement of the circulating antibody secreting cell response in human diarrhea by human *Lactobacillus* strain. Ped. Res. 32: 141-4

- Karuniawati (2010). Pengaruh suplementasi zinc dan probiotik terhadap durasi diare akut cair anak. Semarang, Universitas Diponegoro.
- Katharina E *et al* (2007). Prebiotics, probiotic, synbiotics affect mineral absorption, bone content, and bone structure. *J. Nut.* 137: 838S-846S
- Kementrian Kesehatan RI (2011). Situasi diare di Indonesia. Buletin Jendela Data dan Informasi Kesehatan. ISSN 2088-270x
- Kusuma TS, Riawan W, Ranuh IGM, Surono IS (2008). Kemampuan dari *Lactobacillus plantarum* galur IS-10506 dan IS-20506 dalam menghambat aktivasi NF $\kappa$ B dan meregulasi turunan TNF reseptor-1 (TNF-R1) dan apoptosis pada sel epitel border ratak usus yang diinduksi LPS. *J kedokteran brawijaya*, 24(1):22-30.
- Laila SR (2011). Profil imunohistokimia antioksidan superoksidas dismutase SOD pada usus halus tikus yang diberi probiotik dan enteropathogenic *Escherichia coli*. Bogor, Institut Pertanian Bogor. Tesis.
- Lapointe TK, O'Conner PM, Buret AG (2009). The role of epithelial malfunction in the pathogenesis of enteropathogenic *E. coli* induced diarrhea. *Laboratory Investigation*, 89:964-970.
- Link-Amsterr H, Rochat F, Saudan KY, Mignot O, Aeschlimann JM (1994). Modulation of a specific humoral immune response and changes in intestinal flora mediated through fermented milk intake. *FEMS Immunology Med. Microbiol.* 10: 55-63
- Liu J, Wan R, Xu XF, *et al* (2009). Effect of lianshu preparation on lipopolysaccharides-induced diarrhea in rats. *World J Gastroenterol* 15 (6); 2009-15
- Lomax AR, Calder PC (2009). Probiotics, immune function, infection, and inflammation: A review of the evidence from studies conducted in human. *Current pharmaceutical design*, 15:1428-1518.
- Macpherson AJ, Geuking MB, McCoy KD. Immune responses that adapt the intestinal mucosa to commensal intestinal bacteria. *Immunology*, 115:153-162.
- Maheshwari R (2010). Characteristic of lactic acid bacteria indigenous dadih as the candidate for probiotics in Gastrointestinal condition. Prosiding seminar hasil IPB.
- Melia S, Sugita IM (2007). Kualitas dadih susu sapi mutan *Lactobacillus lactis* pada beberapa level waktu fermentasi. *Journal of Indonesian Tropical Animal Agriculture*, 32 (2): 82-90
- Ng SC, Hart AL, Kamm MA, Stagg AJ, Knight SC (2009). Mechanism of action of probiotics: Recent advance. *Inflamm bowel dis*, 15:300-310.

- Ngatirah A, Harmayanti ES, Utami T (2000). Seleksi bakteri asam laktat sebagai agensia probiotik yang berpotensi menurunkan kolesterol. Prosiding Seminar Industri Pangan. PATPI (II): 63-60
- Oshea J, Tato CM, Siogel R (2008). Cytokines and cytokines receptor. In: Rich RR (ed). Clinical immunology principles and practice. 3 ed: Mosby Elsevier.
- Ouwehand AC, Isolauri E, Kirjavainen PV, Salminen S (1999). Adhesion of four Bifidobacterium strain isolated from dadih fermented milk. Journal of Agriculture and Food Chemistry 56: 3714-20
- Oyetayo VO (2004) Performance of rats gastrically dosed with faecal strain of Lactobacillus acidophilus and challenged with Escherichia coli. Afr. J. Biotechnol. 3: 409-411
- Pato U (2008). Potensi bakteri asam laktat yang diisolasi dari dadih untuk menurunkan resiko penyakit kanker. Jurnal Natur Indonesia 5(2): 162-166
- Paul J, Verma AK, Verma R (2007). Role of gut flora in inflammatory bowel disease- a state of art. Communicating Current Research and Educational Topics and Trends in Applied Microbiology. School of Life, Jawaharlal Nehru University, New Delhi, India.
- Peterson KM, Shu J, Duggal P, Haque R, Mondal D (2010). Association between TNF- $\alpha$  and entamoeba histolytica diarrhea. Am J Trop Med Hyg, 82(4): 620-625.
- Pickering LK, Cleary T (1998). Approach to patients with gastrointestinal tract infections and food poisoning in Feigin RD, Cherry JC eds. Textbook of Pediatrics infectious disease 4 Ed WB Saunders Co. 1: 567-94
- Prasetyo DH, Purwanto B (2010). Efek probiotik pada kadar IgA mencit model sepsis. MKB, 42:175-180
- Pringle K, *et al* (2011). Comparing the accuracy of the three popular clinical dehydration scales in children with diarrhea. International Journal of Emergency Medicine 4:58-63
- Putra AA, Marlinda Y, Khasrad, Azhike SYD, Wulandari R (2011). Perkembangan dan usaha pengembangan dadih: Sebuah review tentang susu fermentasi tradisional Minangkabau. Jurnal Peternakan Indonesia Vol. 13 (3): 159-170
- Putra BS (2013). Pengaruh pemberian *Pediococcus pentosus* isolate dadih terhadap frekuensi buang air besar, kadar secretory immunoglobulin A dan tinggi vili ileum pada mencit diare yang diinduksi *Enteropathogenic Escherichia coli*. Padang, Universitas Andalas. Tesis.

- RisKesDas (2011). Situasi diare di Indonesia. Buletin Jendela Data dan Informasi Kesehatan, 2:1-4
- Rosalina I (2007). Efikasi pemberian zinc pada diare. Dalam; Kongres nasional III badan koordinasi gastroenterologi anak Indonesia. Surabaya.250-253.
- Simandibrata M, Daldiyono (2006). Diare Akut. Dalam: Sudoyo AW, Setiyohadi B, Alwi I, Simandibrata M, Setiati S (eds). Buku ajar ilmu penyakit dalam jilid I. Jakarta: Pusat Penerbitan Departemen Ilmu Penyakit Dalam FK UI, pp: 408-413
- Sirait CH, Setiyanto H (1995). Evaluasi mutu dadih di daerah produsen. Balai Penelitian Ternak, Ciawi, Bogor . Prosiding Seminar Nasional Sains dan Teknologi Peternakan
- Strugnell RA, Wijburg OLC (2010). The role of secretory antibodies in infection immunity. Nature, 8:656-665.
- Subagyo B, Santoso NB (2009). Diare Akut. Dalam: Juffrie M (eds). Buku ajar Gastroenterologi-hepatologi Jilid 1. Jakarta: Balai Penerbit IDAI, pp: 90-125
- Sugitha IM, Aidi LA (1998). Daya cerna dadih yang dibuat dengan penambahan starter *Streptococcus lactis* dalam tabung plastik. Jurnal peternakan dan Lingkungan 4 (3): 60-64
- Sugitha LM (1995). Dadih makanan tradisional minang. Manfaat dan khasitanya. Dalam: Widyakarya Nasional Khasiat Makanan Tradisional. Kantor Menteri Negara Urusan Pangan, Jakarta, pp: 532-540
- Sunarlim R (2009). Potential Lactobacillus sp. asal dari dadih sebagai starter pada pembuatan susu fermentasi khas indonesia. Buletin Teknologi Pacapanen Pertanian (5): 69-76
- Sunoto (1991) Penyakit radang usus: infeksi. Dalam: Buku Ajar Ilmu Kesehatan Anak. Balai Penerbit FKUI, pp: 448-466
- Surono IS (2015). Indonesian dadih. In: Puniya AK (ed). Fermented milk and dairy products first edition. CRC Press, pp: 377-399
- Surono IS, Hasono A (1995). Indigenous fermented foods in Indonesia. Japanesse J. Dairy Food Sci. 44: A91-A98
- Surono IS, Hasono A (1996). Antimutagenicity of milk cultured with lactic acid bacteriafrom dadih against mutagenic terasi. Milchwissemchaft 51: 493-497
- Surono IS, Hasono A (2011). Starter cultures. In: Roginsky H, Fuquay JW, Fox PF (eds). Encyclopedia of dairy science. London: Academic Press Ltd.: 477-482

- Surono IS, Khomsan A, Sobariah E, Nurani D (2010). Effect of oxygenated water and probiotic administration on faecal microbial of rats. *Microbiologi Indonesia* 4: 17-21
- Szajewska H and Mrukowics JZ (2001). Probiotics and treatment and prevention of acute infectious diarrhea in infants and children: a systemic review of published randomized, double blind, placebo controlled trials. *J Pediatr Gastroenterol Nutr.* 33; 17-25
- Tuomola EM, Ouwehand AC, Salminen S (1999). The effect of probiotic bacteria on adhesion of pathogens to human intestinal mucosa. *FEMS Immunology and Medical Microbiology* 26: 137-142
- Usmiati S, Risfaheri (2012). Pengembangan dadih sebagai pangan fungsional probiotik asli Sumatera Barat. *J. Litbang Pert.* Vol. 32 No. 1: 20-29
- WHO (2013). Diarrhoeal disease. [www.who.int/mediacentre/factsheets/fs330/en](http://www.who.int/mediacentre/factsheets/fs330/en). Diakses 15 April 2016.
- World Gastroenterology Organization (2012). Global guideline: acute diarrhea. [www.worldgastroenterology.org/guidelines/global-guidelines](http://www.worldgastroenterology.org/guidelines/global-guidelines). Diakses pada 3 Agustus 2016
- Yuliaswati, Jurnal YD, Purwati E, Lubis G (2012). The effect of pediococcus pentosaceus on stool frequency, TNF- $\alpha$  level, gut microflora balance in diarrhea-induced mice. *The Indonesian journal of gastroenterology hepatology and digestive endoscopy*, 13(2).
- Yurliasni (2010). Aktivitas antimikoba khamir asal dadih (susu kerbau fermentasi) terhadap beberapa bakteri patogen. *Agripet.* 10 (1): 19-24

