

DAFTAR PUSTAKA

- Adlouni, A., Ghalim, N., Benslimane, A., Lecerf, J. M., & Saïle, R. (1997). Fasting during ramadan induces a marked increase in high-density lipoprotein cholesterol and decrease in low-density lipoprotein cholesterol. *Annals of Nutrition and Metabolism* 41: 242-249. <https://doi.org/10.1159/000177999>.
- Adriani, M., & Wirjatmadi, B. (2014). Gizi dan Kesehatan Balita Peranan Micro Zinc pada Pertumbuhan Balita. Jakarta: Kencana Prenadamedia Group.
- Ahmad, M., Mohammad, J., Tyas, U., Nur. And Rahayu, E.S. (2018). the effects of consumption of indigenous probiotic powder containing *Lactobacillus plantarum* dad-13 on the body mass index and the population of *Prevotella*, *Bacteroides fragilis* and *Clostridium coccoides* on malnourished children of belanting elementary school, east lombok. Faculty of Agricultural Technology, Universitas Gadjah Mada.
- Almatsier, S. (2009). Prinsip Dasar Ilmi Gizi. In *Gramedia Pustaka Utama*. <https://doi.org/http://dx.doi.org/10.1002/ca.22400>.
- Bharati, S., Chakrabarty, S., Som, S., Pal, M., & Bharati, P. (2010). Socio-economic determinants of underweight children in West Bengal, India. *Asian Pacific Journal of Tropical Medicine* : 322-327. [https://doi.org/10.1016/S1995-7645\(10\)60078-8](https://doi.org/10.1016/S1995-7645(10)60078-8)
- Biesalski, H. K. (2013). Hidden hunger. In *Hidden Hunger*. <https://doi.org/10.1007/978-3-642-33950-9>.
- Buckle, K.A., R.A. Edward, G.H. Fleet and R.D Applemen. (1987). Ilmu Pangan. Diterjemahkan oleh Hari Purnomo & Adiono). Jakarta: UI-Press.
- Collins, M. D., & Gibson, G. R. (1999). Probiotics, prebiotics, and synbiotics: Approaches for modulating the microbial ecology of the gut. *American Journal of Clinical Nutrition* 69: 1052S-1057S.
- DellaPenna, D. (1999). Nutritional genomics: Manipulating plant micronutrients to improve human health. *Science* 285: 375-379. <https://doi.org/10.1126/science.285.5426.375>.
- de Vrese, M., & Marteau, P. R. (2007). Probiotics and Prebiotics: Effects on Diarrhea1,2. *The Journal of Nutrition* 137: 803-811. <https://doi.org/10.1016/B978-0-12-374938-3.00014-1>.

- Dinkes Propinsi NTB. Pemantauan Status Gizi Balita Provinsi NTB. Mataram: Dinkes Provinsi NTB, 2013.
- Diniyyah, S. R., & Nindya, T. S. (2017). Asupan Energi, Protein dan Lemak dengan Kejadian Gizi Kurang pada Balita Usia 24-59 Bulan di Desa Suci, Gresik. *Amerta Nutrition*: 341-350. <https://doi.org/10.20473/amnt.v1i4.2017.341-350>.
- Dock, D. B., Latorraca, M. Q., Aguilar-Nascimento, J. E., & Gomes-da-Silva, M. H. G. (2004). Probiotics enhance recovery from malnutrition and lessen colonic mucosal atrophy after short-term fasting in rats. *Nutrition*. <https://doi.org/10.1016/j.nut.2004.01.013>
- dos Reis, S. A., da Conceição, L. L., Siqueira, N. P., Rosa, D. D., da Silva, L. L., & Peluzio, M. do C. G. (2017). Review of the mechanisms of probiotic actions in the prevention of colorectal cancer. *Nutrition Research*. <https://doi.org/10.1016/j.nutres.2016.11.009>.
- FAO / WHO. (2001). Health and Nutritional Properties of Probiotics in Food including Powder Milk with Live Lactic Acid Bacteria. *Expert Consultation Report, Córdoba, Argentina*. <https://doi.org/10.1201/9781420009613.ch16>
- Fauziah, L., Rahman, N., & Hermiyanti. (2017). Faktor Risiko Kejadian Gizi Kurang Pada Balita Usia 24-59 Bulan Di Kelurahan Taipa Kota Palu. *Ilmiah Kedokteran*.
- Haq, A.B. dan Murbawan, E.A. (2014). STATUS GIZI, ASUPAN MAKAN REMAJA AKHIR YANG BERPROFESI SEBAGAI MODEL. *Journal of Nutrition College* 3 (4) ; 489-494.
- Hendricks, K. M., Duggan, C., Gallagher, L., Carlin, A. C., Richardson, D. S., Collier, S. B., ... Lo, C. (1995). Malnutrition in Hospitalized Pediatric Patients: Current Prevalence. *Archives of Pediatrics & Adolescent Medicine* 149(10):1118-1122. <https://doi.org/10.1001/archpedi.1995.02170230072010>
- Irwansyah, I., Ismail, D., & Hakimi, M. (2018). Kehamilan remaja dan kejadian stunting pada anak usia 6-23 bulan di Lombok Barat. *Berita Kedokteran Masyarakat* 32(6): 1-8. <https://doi.org/10.22146/bkm.8628>
- Jensen, J., Rustad, P. I., Kolnes, A. J., & Lai, Y. C. (2011). The role of skeletal muscle glycogen breakdown for regulation of insulin sensitivity by exercise. *Frontiers in Physiology* 112 (2): 1-11. <https://doi.org/10.3389/fphys.2011.00112>.

- Kechagia, M., D. Basoulis, S. Konstantopoulou, D. Dimitriadi, K. Gyftopoulou, N. Skarmoutsou, dan E. M. Fakiri. (2013). Health benefit of probiotics: A review. *ISRN Nutrition* 1 – 7.
- Kemeterian Kesehatan Indonesia. (2010). Profile Kesehatan Indonesia Tahun 2009. Jakarta : Kementerian Kesehatan RI.
- Khan, A., & Khattak, M. M. A. K. (2002). Islamic fasting: An effective strategy for prevention and control of obesity. *Pakistan Journal of Nutrition* 1(4): 185-187. <https://doi.org/10.3923/pjn.2002.185.187>.
- Lamsudin, R., Sajimin, T., Zulaela, Dahlan, P. (1995). The Effect of Fasting in Ramadhan on Serum Total Cholesterol Concentration, Body Weight, and Blood Pressure. *Indonesian Journal of Clinical Epidemiology and Biostatistik* 1 (2).
- Laili, A.N., Al Munawir. And Ningtyias, F. N. (2017). Food Intake and Food Security as Determinants of Stunting Children Under Five Years. *Health Notions* 1 : 1-8.
- Lia, R. (2008). Studi Tentang Konsumsi Pangan, Status Gizi Dan Aktivitas Fisik Saat Puasa Dan Tidak Puasa Pada Mahasiswa Putri Tingkat Persiapan Bersama Institut Pertanian Bogor. Skripsi Dipublikasikan, Program Studi Gizi Masyarakat dan Sumberdaya Keluarga, Institut Pertanian Bogor.
- Mayasari, D. (2011). Perbedaan Asupan Energi, Protein Frekuensi Jajan di Sekolah dengan Status Gizi Antara Sekolah Penerima dan Bukan Penerima Program Makanan Tambahan Anak Sekolah [Artikel Penelitian]. Semarang: Universitas Diponegoro.
- Meo, S. A., & Hassan, A. (2015). Physiological changes during fasting in Ramadan. *JPM. The Journal of the Pakistan Medical Association* 65(5): S6-S13.
- Nakayama, J., Watanabe, K., Jiang, J., Matsuda, K., Chao, S. H., Haryono, P., O. La-ongkham, M. A. Sarwoko, I. N. Sujaya, L. Zhao, K. T. Chen, H. H. Chiu, T. Hidaka, N. X. Huang, C. Kiyohara, T. Kurakawa, N. Sakamoto, K. Sonomoto, K. Tashiro, H. Tsuji, M. J. Chen, V. Leelavatcharamas, C. C. Liao, S. Nitisinprasert, E. S. Rahayu, F.Z. Ren, Y. C. Tsai, dan Lee, Y. K. (2015). Diversity in gut bacterial community of school-age children in Asia. *Scientific Reports* 5:83-97. <https://doi.org/10.1038/srep08397>.
- Ngatirah, A., Endang, S.R. and Tyas, U. 2000. Selection of lactic acid bacteria as probiotic agents that have the potential to reduce cholesterol. *Proceedings of the National Food Industry Seminar. Surabaya.* 2: 63-70.

- Norouzy, A., Salehi, M., Philippou, E., Arabi, H., Shiva, F., Mehrnoosh, S., Mohajeri, S.M.R., Mohajeri, S.A.R., Larijani, A.M., Nematy, M. (2013). Effect of fasting in Ramadan on body composition and nutritional intake: A prospective study. *Journal of Human Nutrition and Dietetics* 26(1): 97-104. <https://doi.org/10.1111/jhn.12042>.
- Nurliyani, ., Julia, M., Harmayani, E., Ikawati, M., & Baliarti, E. (2015). Potency of Lactobacillus plantarum Dad-13 and Sweet Potato (Ipomoea batatas) Fiber as Immunomodulator in Rats Infected With Salmonella Typhimurium. *Journal of Food Research* 4(3): 1-13. <https://doi.org/10.5539/jfr.v4n3p1>.
- Onubi, O. J., Poobalan, A. S., Dineen, B., Marais, D., & McNeill, G. (2015). Effects of probiotics on child growth: A systematic review. *Journal of Health, Population and Nutrition*. <https://doi.org/10.1186/S41043-015-0010-4>
- Ouwehand, A.C. 2005. The probiotic potential of propionic bacteria Di dalam: Salminen S., dan A Wright, Editor. Lactic acid bacteria: Microbial and functional Aspect 3 esition. Marcel Dekker Inc., New York. Page 159-174.
- Qamariyah, B., & Nindya, T. S. (2018). Hubungan Antara Asupan Energi, Zat Gizi Makro dan Total Energy Expenditure dengan Status Gizi Anak Sekolah Dasar. *Amerta Nutrition* :59-65. <https://doi.org/10.20473/amnt.v2i1.2018.59-65>
- Rahayu, E. S. 2003. Lactic acid bacteria in fermented food of Indonesia origin. *Agritech*. 23: 75-84.
- Rahayu, E. S., Yogeswara, A., Mariyatun, Windiarti, L., Utami, T., & Watanabe, K. (2016). Molecular characteristics of indigenous probiotic strains from Indonesia. *International Journal of Probiotics and Prebiotics* 10(4): 109-116.
- Rahayu, E.S., Cahyanto, M.N., Mariyatun, Sarwoko, M.A., Haryono, P., Windiarti, L., Sutriyanto, J., Kandarina, I., Nurfiani, S., Zulaichah, E., dan Utami, T. 2016. Effects of Consumption of Fermented Milk containing Indigenous Probiotic Lactobacillus plantarum Dad-13 on The Fecal Microbiota of Healthy Indonesian Volunteers. *International Journal of Probiotics and Prebiotics*, 11(2): 91-98.
- Rahim, F. (2014). Faktor Risiko Underweight Balita Umur 7-59 Bulan. *Jurnal Kesehatan Masyarakat* 9(2): 115-121.
- Riskesdas. (2013). Riset Kesehatan Dasar (RISKESDAS) 2013. *Laporan Nasional 2013*. <https://doi.org/10.3406/arch.1977.1322>

- Simatupang, M. R. (2008). Pengaruh Pola Konsumsi, Aktivitas Fisik dan Keturunan Terhadap Kejadian Obesitas Pada Siswa Sekolah Dasar Swasta Di Kecamatan Medan Baru Kota Medan. *Tesis Pada Program Studi Administrasi Dan Kebijakan Kesehatan Konsentrasi Administrasi Kesehatan Komunitas/Epidemiologi Universitas Sumatera Utara*.
- Sadeghirad, B., Motaghipisheh, S., Kolahdooz, F., Zahedi, M. J., & Haghdoost, A. A. (2014). Islamic fasting and weight loss: A systematic review and meta-analysis. *Public Health Nutrition* 17(2): 396-406. <https://doi.org/10.1017/S1368980012005046>
- Saran, S., Gopalan, S., & Krishna, T. P. (2002). Use of fermented foods to combat stunting and failure to thrive. *Nutrition* 18:393-396. [https://doi.org/10.1016/S0899-9007\(01\)00790-0](https://doi.org/10.1016/S0899-9007(01)00790-0)
- Sepehri, A., & Guliani, H. (2015). Socioeconomic status and children's health: Evidence from a low-income country. *Social Science and Medicine* 130: 23-31. <https://doi.org/10.1016/j.socscimed.2015.01.045>
- Shehab, A., Abdulle, A., El Issa, A., Al Suwaidi, J., & Nagelkerke, N. (2012). Favorable Changes in Lipid Profile: The Effects of Fasting after Ramadan. *PLoS ONE* 7(10):1-4 . <https://doi.org/10.1371/journal.pone.0047615>
- Shimakawa, Y., Matsubara, S., Yuki, N., Ikeda, M., & Ishikawa, F. (2002). Evaluation of *Bifidobacterium breve* strain Yakult-fermented soymilk as a probiotic food. *International Journal of Food Microbiology* 81: 131-136. [https://doi.org/10.1016/S0168-1605\(02\)00224-6](https://doi.org/10.1016/S0168-1605(02)00224-6)
- Songisepp, E., Hütt, P., Rätsep, M., Shkut, E., Kõljalg, S., Truusalu, K., ... Mikelsaar, M. (2012). Safety of a probiotic cheese containing *Lactobacillus plantarum* Tensia according to a variety of health indices in different age groups. *Journal of Dairy Science* 95: 5495-5509. <https://doi.org/10.3168/jds.2011-4756>
- Suau, A., Bonnet, R., Sutren, M., Godon, J. J., Gibson, G. R., Collins, M. D., & Doré, J. (1999). Direct analysis of genes encoding 16S rRNA from complex communities reveals many novel molecular species within the human gut. *Applied and Environmental Microbiology* 65(11): 4799-807.
- Suharjo, Kusharto, C.M. 2010. Prinsip-prinsip Ilmu Gizi, cetakan 12, Kanisius, Yogyakarta : 90-130.
- Suharman., Mohammad, J., Tyas, U., Nur, C.M. and Rahayu. E.S. 2018. The Effects of Consumption of Indigenous Probiotic Powder containing *Lactobacillus plantarum* Dad-13 in Malnourished Children of Belanting Elementary School, East Lombok on The Population of Gut Microbiota *L. plantarum*, *Bifidobacterium*, *Enterobacteriaceae* and Short-Chain Fatty

acids. Faculty of Medicine, Public Health, and Nursing. Gadjah Mada University.

Sumaryati, B. T., Utami, T., & Suparmo. (2009). PENGARUH INFEKSI *Escherichia coli* DAN PEMBERIAN *Lactobacillus plantarum* Dad 13 TERHADAP MIKROBIOTA FESES TIKUS WISTAR. *Agritech* 29(4): 165-170.

Surono, I. S., Koestomo, F. P., Novitasari, N., Zakaria, F. R., Yulianasari, & Koesnandar. (2011). Novel probiotic *Enterococcus faecium* IS-27526 supplementation increased total salivary sIgA level and bodyweight of pre-school children: A pilot study. *Anaerobe* 17: 496-500. <https://doi.org/10.1016/j.anaerobe.2011.06.003>

Syam, A. F., Sobur, C. S., Abdullah, M., & Makmun, D. (2016). Ramadan fasting decreases body fat but not protein mass. *International Journal of Endocrinology and Metabolism* 14(1): 1-6. <https://doi.org/10.5812/ijem.29687>

Temizhan, A., Tandogan, I., Dönderici, Ö., & Demirbas, B. (2000). The effects of ramadan fasting on blood lipid levels. *The American Journal of Medicine* 109(4); 341. [https://doi.org/10.1016/s0002-9343\(00\)00498-8](https://doi.org/10.1016/s0002-9343(00)00498-8).

Ulyatu, F., Pudji, H., Tyas, U., & Umar, S. (2015). The changes of sesaminol triglucoside and antioxidant properties during fermentation of sesame milk by *Lactobacillus plantarum* Dad 13. *International Food Research Journal* 4(6): 56-61.

World Health Organization and the United Nations Children's Fund. (2009). Child growth standards and the identification of severe acute malnutrition in infants and children. *WHO Library*.

Ziaee, V., Razaee, M., Ahmadinejad, Z., Shaikh, H., Yousefi, R., Yarmohammadi, L., ... Behjati, M. J. (2006). The changes of metabolic profile and weight during Ramadan fasting. *Singapore Medical Journal* 47(5): 409-414..