

DAFTAR PUSTAKA

- Abd El-Maksoud AM, Khairy SA, Sharada HM, Abdalla MS, Ahmed NF. 2017. Evaluation of pro-inflammatory cytokines in nutritionally stunted Egyptian children. Egypt Pediatr Assoc Gazzete;4(3):1-5.
- Ahmed T, Auble D, Berkley JA, Black RB, Ahern PP, Hossain M, et al. 2014. An evolving perspective about origins of childhood undernutrition and nutritional interventions that includes the gut microbiome. Ann. N.Y. Acad. Sci;1332:22-38.
- Ali A, Iqbal NT, Sadiq K. 2016. Environmental enteropathy. Curr Opin Gastroenterol; 32:12-17.
- Annes JP, Chen Y, Munger JS, Rifkin DB. 2004. Integrin alphaVbeta6-mediated activation of latent TGF- β require the TGF- β binding protein-1. J Cell Biol;165:732-34.
- Azevedo ZM, Luz RA, Victal SA, Kurdian B, Foncesa VM, Fitting C, et al. 2005. Induction of tumor necrosis factor-alpha in whole blood cultures from children from children with primary malnutrition. Braz J Med Biol Res;38(2): 171-183.
- Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan Republik Indonesia. 2018. Hasil Utama RISKESDAS 2018. Jakarta: Kementerian Kesehatan Republik Indonesia.
- Barstow C, Rerucha C. 2015. Evaluation of short and tall stature in children. Am Fam Physician;92:43-50.
- Bauer PV, Hamr SC, Duca FA. 2015. Regulation of energy balance by a gut brain axis and involvement of the gut microbiota. Cell Mol Life Sci;73:737-55.
- Beck PL, Rosenberg IM, Xavier RJ, Koh T, Wong JF, Podolsky DK. 2003. Transforming growth factor- β mediates intestinal healing and susceptibility to injury in vitro and in vivo through epithelial cells. Am J Pathol;162:597-608.
- Bengmark, S. 1998. Ecological control of the gastrointestinal tract: The role of probiotic flora. Gut;42:2-7.
- Black RE, Victora CG, Walker SP, Bhutta ZA, Christian P, de Onis M, et al. 2013. Maternal and child undernutrition and overweight in low-income and middle-income countries. Lancet;382:427-51.
- Black RE, Allen LH, Bhutta ZA, Caulfield LE, de Onis M, Ezzati M, et al. 2008. Maternal and child undernutrition; global and regional exposures and health consequences. Lancet;371:243-260.
- Black RE, Victora CG, Walker SP, et al., 2013. Maternal and child nutrition study group: Maternal and child undernutrition and overweight in low-income and middle-income countries. Lancet;382:427-51.

Blaut M, Collins MD, Welling GW, Dore J, Van Loo J, de vos W. 2002. Molecular biological methods for studying the gut microbiota: the EU human gut flora project. Br J Nutr;87:5203-5211.

Blobe GC, Schiemann WP, Lodish HF. 2000. Role of transforming growth factor beta in human disease. N Engl J Med;342:1350-8.

Boltin D, Perets TT, Vilkin A, Niv Y. 2013. Mucin function in inflammatory bowel disease, an update. J Clin Gastroenterol;47:106-11.

Boruel N, Carol M, Casellas F, deLara F, Espin E, Noval J, Guarner F. 2002. Increased mucosal tumour necrosis factor α production in Crohn's disease can be downregulated ex vivo by probiotic bacteria. Gut;51:659-664.

Budge S, Parker AH, Hutchings PT, Garbutt C. 2017. Environmental enteric dysfunction and child stunting. Nutrition Review;77(4):240-253.

Callahan BJ, DiGiulio DB, Daniela S, Goltsman A, Relman DA. 2017. Replication and refinement of a vaginal microbial signature of preterm birth in two racially distinct cohorts of US women. Proc. Natl. Acad. Sci. U.S.A;112:11060-65.

Cani PD. 2018. Human gut microbiome: hopes, threats and promises. Gut;67:1716-25.

Cani PD, Everard A, Dupare T. 2013. Gut microbiota, enteroendocrine functions and metabolism. Current Opinion in Pharmacology;13(6):935-940.

Carlos Magno dCM, De Castro SB, De Souza GT, Rossato C, daGuia FC, Anete M, et al. 2015. Intestinal microbiota as modulators of the immune system and neuroimmune system: impact on the host health and homeostasis. Journal of Immunology research;2015:1-15.

Chacko A, Cumming JH. 1988. Nitrogen losses from human small bowel; obligatory losses and the effect of physical form of food. Gut;29:809-15

Charbonneau MR, O'Donnell D, Blanton LV, Totten SM, Davis JC, Barrat MJ, Cheng J, et al. 2016. Sialylated milk oligosaccharides promote microbiota-dependent growth in models of infant undernutrition. Cell;164:859-871.

Chowdhury MRK, Rahman MS, Billah B, Kabir R, Perera NKP, Kader M. 2021. The prevalence and socio-demographic risk factors of coexistence of stunting, wasting and underweight among children under five years in Bangladesh. Research square;1-18.

Christian P, Lee SU, Angel MD, Adair LS, Arifeen SE, Ashorn P, et al. 2013. Risk of childhood undernutrition related to small-for-gestational age and preterm birth in low-and middle income countries. Int. J. Epidemiol.;42:1340-1355.

Christiano P, Saeed R, Bamias G, Arseneau KO, Pizarro TT, Cominelli F. 2010. Probiotic promotes gut health through stimulation of epithelial innate immunity. PNAS;107(1):454-459.

Clemente JC, Ursell LK, Parfrey LW, Knight R. 2012. The impact of gut microbiota on human health: an integrative view. Cell;148(6):1258-70.

Clercq NC, Groen AK, Romijn JA, Nieuwdorp M. 2016. Gut microbiota in obesity and undernutrition. *Adv Nutr*;7:1080-9.

Conlon MA, Bird AR. 2015. The impact of diet and lifestyle on gut microbiota and human health. *Nutrients*;7:17-44.

Cordero ME, D'Acuna E, Benveniste S, Prado R, Nunez JA, Colombo M. 1993. Dendritic development in neocortex of infants with early postnatal undernutrition. *Pediatric Neurology*;9(6):457-464.

Corfield AP. 2018. The interaction of the gut microbiota with the mucus barrier in health and disease in human. *Microorganisme*;6:0078:1-57.

Cornick S, Tawiah A, Chadee K. 2015. Roles and regulation of mucus barrier in the gut. *Tissue Barrier*;3(1-2):1-16.

Cumming JH. 1981. Short chain fatty acids in the human colon. *Gut*;29:763-79.

De Clercq NC, Groen AK, Romijn JA, Nieuwdorp M. 2016. Gut microbiota in obesity and undernutrition. *Adv. Nutr*;7:1080-9.

De Filippo C, Cavalieri D, Di Paola M, Ramazzotti M, Poulett JB, Massart S, et al. 2010. Impact of diet in shaping gut microbiota revealed by a comparative study in children from Europe and rural Africa. *Proc Natl Acad Sci U S A*;107:14691-6.

De Onis M, Branca F. 2016. Childhood stunting: a global perspective. *Maternal & Child Nutrition*;12:12-26.

Dewey KG, Begum K. 2011. Long-term consequences of stunting in early life. *Maternal and child nutrition*;7:5-18.

Dietert RR, Dietert JM. 2015. Review: the microbiome and sustainable healthcare. *Healthcare*;3:100-129.

Dinas Kesehatan Provinsi Riau. 2018. Profil kesehatan tahun 2018. Pekanbaru.

Dinh DM, Ramadass B, Kattula D, Sarkar R, Braunstein P, Tai A, et al. 2016. Longitudinal analysis of intestinal microbiota in persistently stunted young children in South India. *Plos One*;11:1-17.

Dominguez-Bello MG, Contreras M, Magris M, Hidalgo G, Fierer N, Knight L. 2010. Delivery mode shapes the acquisition and structure of the initial microbiota across multiple body habitats in newborn. *PNAS*;107:11791-11975.

Duca FA, Lam TKT. 2014. Gut microbiota, nutrient sensing and energy balance. *Diabetes Obes Metab*;16:68-76.

Eckburg PB, Bik E, Bernstein CN, Purdom E, Dethlefsen L, Sargent M, et al. 2005. Diversity of the human intestinal microbial flora. *Science*;308:1635-1638.

El-Maksoud AMA, Khairy SA, Sharada HM, Abdala MS, Ahmed NF. 2017. Evaluation of pro-inflammatory cytokines in nutritionally stunted Egyptian children. Egypt Pediatr Assoc Gazette;1-5.

Food and Agriculture Organization of the United Nation (FAO), International Fund for Agriculture Development, World Food Programme. The state of food insecurity in the world. 2015. Meeting the 2015 international hunger targets: taking stock of uneven progress. Rome:FAO.

Forbes K, Westwood M, 2008. The IGF axis and placental function. A mini review. Horm Res;69:129-37.

Frongillo EA. 1999. Symposium: causes and etiology of stunting: Introduction. The Journal of Nutrition;129:529-520.

Funkhouser IJ, Bordenstein SR. 2013. Mom knows the best: the universality of maternal transmission. PloS Biol;11:e1001613

Garg Pankaj. 2009. Short stature in Indian children: Experience from a community level hospital Sri Lanka. Journal of Child Health;34:84–8.

Gensolen T, Iyer SS, Kasper DL, Blumberg RS. 2016. How colonization by microbiota in early life shapes the immune system. Science;352:539-44.

Golden MH. 2009. Proposed recommended nutrient densities for moderately malnourished children. Food and nutrition bulletin;30:262-342.

Gordon JI, Derwey KG, Mills DA, Medzhitov RM. 2012. The human gut microbiota and undernutrition. Sci Transl Med;4:137.

Goto Y, Ivanov I.I. 2013. Intestinal epithelial cells as mediators of commensal-host immune crosstalk. Immunology and cell biology;91(3):204-214.

Grzeskowiak L, Collado MC, Mangani C, Maleta K, Laitinen K, Ashorn P et al. 2012. Distinct gut microbiota in southeastern African and northern European infants. J Pediatr Gastroenterol Nutr;54:812-6.

Guinane CM, Cotter PD. 2013. Role of the gut microbiota in health and chronic gastrointestinal disease: understanding a hidden metabolic organ. Ther Adv Gastroenterol;614:295-308.

Gunardi H, Soedjatmiko, Sekartini R, Medise BE, Darmawan AC, Armelia R, Nadya R. 2017. Association between parental socio-demographic factors and declined linear growth of young children in Jakarta. Medical journal of Indonesia;26:286-92.

Harper KM, Mutasa M, Prendergast AJ, Humprey J, Manges AR. 2018. Environmental enteric dysfunction pathways and child stunting: A systematic review. PLoS Negl Trop Dis;12(1):e0006205.

Hashimoto T, Perlot T, Reman A, Trchereau J, Ishiguro H, Paolino M, et al. 2012. ACE2 links amino acid malnutrition to microbial ecology and intestinal. Nature;487:477-81.

Hawrelak JS, Myers SP. 2004. The cause of intestinal dysbiosis: a review. *Altern. Med. Rev*;9:180-97.

Helmiyati S, Yuliati E, Wisnusanti SU, Maghribi R, Juffrie M. 2017. Keadaan microbiota saluran cerna pada anak sekolah dasar yang mengalami stunting di Lombok Barat. *J Gizi Pangan*;12(1):55-60.

Hizni A, Yulia M, Gamayanti IL. 2010. Status stunted dan hubungannya dengan perkembangan di wilayah pesisir pantai utara Kecamatan Lemahwungkuk Kecamatan Cirebon. *Jurnal Gizi Klinik Indonesia*;6:131-7.

Hoffman DJ, Campos-Ponce M, Tadder CR, Doak CM. 2017. Microbiome, growth retardation ang metabolism: are they related?. *Annals of human biology*;1-7.

Hooper LV, Macpherson AJ. 2010. Immune adaptations that maintain homeostasis with the intestinal microbiota. *Nat. Rev. Immunol*;10:159-169.

Hossain M, Nahaar B, Haque MA, Mondal D, Mahfuz M, Naila NN, et al. 2019. Serum adipokines, growth factors, and cytokines are independently associated with stunting in Bangladeshi chidren. *Nutrient*;11(1827):1-16.

Husnaniyah D, Yulyanti D, Rudiansyah. 2020. Hubungan tingkat Pendidikan ibu dengan kejadian stunting. *The Indonesian Jounal of Health Science*;12(1):57-64.

Iddrisu I, Monteagudo-Mera A, Poveda C, Pyle S, Shahzad M, Andrews S, Walton GE. 2021. Malnutrition ang gut microbiota in children. *Nutrients*;13(2727):1-21.

Ihara S, Hirata Y, Koike K. 2017. TGF- β in inflammatory bowel disease: a key regulator of immune cells, epithelium, and intestinal microbiota. *J Gastroenterol*;52:777-8.

Kadim M, Hegar B, Bardosono S, Timan IS, Gunardi H, Prasetyo D, Firmansyah A, Vandenplas Y. 2020. Effect of supplementation of zinc, glutamine, fiber, and prebiotics in presumed healthy Indonesian children aged 1-3 years. *Pediatr Gastroenterol Hepatol Nutr*;23(4):388-396.

Kairupan TS, Amatani H, Cheng KC, Runtuwene J, Asakawa A, Inui A. 2016. Role of gastrointestinal hormone in feeding behavior and obesity treatment. *J Gastroenterol*;51:93-103.

Kane AV, Dinh DM, Ward HD. 2015. Childhood malnutrition and the intestinal microbiome. *Pediatric research*;77:256-62.

Karim MR, Shamaly KJ, Tithi BB, Akter R, Jahan I, Begum S. 2020. Etiology of short stature in children attending pediatric endocrinolgy clinic of a tertiary care hospital in Bangladesh. *Int J Contemp Pediatr*;7(2):363-368.

Keusch GT, Denno DM, Black RE, Duggan C, Guerrant RL, Lavery JV, et al. 2014. Enviromental enteric dysfunction: patogenesis, diagnosis, and clinical consequences. *Clinical Infectious Diseases*;59:207-12.

Kho ZY, Lai SK. 2018. The human gut microbiome – A potential controller of wellness and disease. *Frontiers in microbiology*;9(1836):1-23.

Koren O, Goodrich JK, Cullender TC, Isolauri E, Salminen S, Ley RE. 2012. Host remodelling of the gut microbiome and metabolic change during pregnancy. *Cell*;150:470-80.

Korpela K, De Vos WM. 2018. Early life colonization of the human gut. *Current opinion in microbiology*;44:70-78.

Kuklina EV, Ramakrishnan U, Stein AD, Barnhart HH, Martorell R. 2006. Early childhood growth and development in rural Guatemala. *Early Hum. Dev.*;82:425-433.

Kulkarni AB, Huh CG, Becker D, Geiser A, Lyght M, Flanders KC, et al. Transforming growth factor beta 1 null mutation in mice causes excessive inflammatory response and early death. *Proc Natl Acad Sci USA* 1993;90:770-774.

Letterio JJ, Robert AB. Regulation of immune responses by TGF- β . *Annu Rev Immunol* 1998;16:137-161.

Ley RE, Backhed R, Turnbaugh P, Lazupone CA, Knight RD, Gordon JI, et al. 2005. Obesity alters gut microbial ecology. *Proc Natl Acad Sci USA*;102:11070-5.

Littman DR, Pamer EG. 2011. Role of commensal microbiota in normal and pathogenic host immune responses. *Cell Host & Microbe*;10(4):311-323.

Lloyd-Price Jason, Gable AA, Huttenhower C. 2016. The healthy human microbiome. *Genome Medicine*;8(51):1-11.

Lutter CK, Daelmans BM, de Onis M, Kothari MT, Ruel MT, Arimond M et al. 2011. Undernutrition, poor feeding practices, and low coverage of key nutrition interventions. *Pediatrics*;128:1418-1427.

Maloy KJ, Powrie F. 2011. Intestinal homeostasis and its breakdown in inflammatory bowel disease. *Nature*;474:298-306.

Mansur M, Afiaz A, Hossain S. 2021. Sociodemographic risk factors of under five stunting in Bangladesh: assessing the role of interaction using a machine learning method. *Plos One*;16(8):1-17.

Marchesi JR, Adams DH, Fava F, Hermes GDA, Hirschfield GM, Hold G, et al. 2016. The gut microbiota and host health: a new clinical frontier. *Gut*;65:330-339.

Martorell R, Young MF. 2012. Pattern of stunting and wasting: potential explanatory factors. *Adv. Nutr.*;3:227-233.

Martorell R, Horta BL, Adair LS, Stein AD, Richter L, Fall CH, et al. 2010. Weight gain in the first two years of life is an important predictor of schooling outcome in pooled analysis from five birth cohorts from low and middle income countries. *The Journal of Nutrition*;140:348-354.

Masood MI, Qodir MI, Shirazi JH, Khan IU. 2011. Beneficial effects of lactic acid bacteria on human beings. *Critical Reviews in Microbiology*;37(1):91-8.

Matamoros S, Gras-Leguen C, Le Vacon F, Potel G, de La Cochetiere MF. 2013. Development of intestinal microbiota in infants and its impacts on health. *Trends Microbiol*;21:167-173.

Maynard CL, Elson CO, Hatton RD, Weaver CT. 2012. Reciprocal interactions of the intestinal microbiota and immune system. *Nature*;489(7415):231-241.

McKay S, Gaudier E, Campbell DL, Prentice AM, Albers R. 2010. Environmental enteropathy: new target for nutritional intervention. *International Health*;2:172-180.

Mendez-Salazar EO, Ortiz-Lopez MG, Silvestre MAG, et al. 2018. Altered gut microbiota and compositional changes in firmicutes and proteobacteria in Mexican undernourished and obese children. *Frontiers in Microbiology*;9(2494):1-11.

Millward DJ. 2017. Nutrition, infection and stunting: the roles of deficiencies of individual nutrients and foods, and of inflammation, as determinants of reduced linear growth of children. *Nutrition Research Reviews*;30:50-72.

Monteleone G, Kumberenova A, Croft NM, McKenzie C, Steer HW, MacDonald TT. 2001. Blocking Smad7 restores TGF-beta1 signaling in chronic inflammatory bowel disease. *J Clin Investig*;108:601-6.

National Family Health Survey (NHFS-3). 2007. 2005-06:India:Mumbay International Institute for Population Sciences (IIPS) and Macro International. Mumbay. Mumbay, India.

Nicol LE, Allen DB, Czernichow P, Zeitler P. 2010. Normal growth and growth disorders. In: Kappy M, Allen DB, Geffner M, editors. *Pediatric Practice: Endocrinology*. New York, NY; McGraw Hill: 23–76.

Ni'mah K, Nadhiroh SR. 2015. Faktor yang berhubungan dengan kejadian stunting pada balita. *Media gizi Indonesia*;10:13-19.

Novina N, Walenkamp MJ. 2019. Management of children with short stature. *Pediatric Oncall Journal*;16(2):35-42.

Ordiz MI, Shaikh NM, Trehan I, Maleta K, Stauber J, Shullman R et al. 2016. Environmental enteric dysfunction is associated with poor linear growth and can be identified by host fecal mRNAs. *JGPN*;63:453-60.

Oria RB, Guerrant LE, Murray-Kolb R, Scharf LL, PD R, Lang GL, et al. 2016. Early-life enetic infection; relation between chronic systemic inflammation and poor cognition in chidren. *Nutr Rev*;74:374-386.

Owino V, Ahmed T, Freemark M, Kelly P, Loy A, Manary M, Loechl C. 2016. Environmental enteric dysfunction and growth failure/stunting in global child health. *Pediatrics*;138(6):1-8.

Peterson J, Schreiber O, Hansen GC, et al. 2011. Importance and regulation of colonic mucus barrier in a mouse model of colitis, *American Journal of Physiology: Gastrointestinal and liver physiology*;300(2):G327-333.

Pomeranz AJ, Sabniz S, Busey SL, Kliegman RM. 2016. Short stature. Pediatric decision-making strategies. Edisi ke 2. Elsevier Saunders. Philadelphia.

Prince AL, Ma J, Kannan PS, Alvarez M, Gisslen T, Harris A, et al. 2016. The placental membrane microbiome is altered among subjects with spontaneous preterm birth with or without chorioamnionitis. Am. J. Obstet. Gynecol;214(5):627-52.

Rahayu A, Yulidasari F, Putri AO, Rahman F. 2015. Riwayat berat badan lahir dengan kejadian stunting pada anak usia dibawah dua tahun. Jurnal Kesehatan Masyarakat Nasional;10(2):67-73.

Rehman AM, Gladstone BP, Verghese VP, Mulyil J, Jafar S, Kang G. 2009. Chronic growth faltering amongst a birth cohort of Indian children begins prior to weaning and highly prevalent at three years of age. Nutr J;8(44):1-11.

Riva A, Borgo F, Lassandro C, Verduci E, Morace G, Borghi E, Berry D. 2017. Pediatric obesity is associated with an altered gut microbiota and discordant shifts in Firmicutes population. Enviroment Microbiol;19:95-105.

Robertson RC, Manges AR, Finley BB, Prendergast AJ. 2018. The human microbiome and child growth- first 1000 days and beyond. Trends in Microbiology;27(2):131-47.

Rolfe RD. 2000. The role of probiotic cultures in the control of gastrointestinal health. J of Nutr;130:394-402

Rose SR, Vogiatzi MG, Copeland KC. 2005. A general pediatric approach to evaluating a short child. Pediatrics in Review;26:410-9.

Rosenbaum M, Knight R, Leibl LR. 2015. The gut microbiota in human energy homeostasis and obesity. Trends Endocrinol Metabol;26:493-501.

Rudensky AY. 2011. Regulatory T cell and Foxp3. Immunol Rev;241(1):260-268.

Shrimpton R, Victora CG, de Onis M, Lima RCBlossner M, Clugston G. 2001. Worldwide timing of growth faltering: implication for nutritional interventions. Pediatrics; 107:E75.

Smith LC, Haddad L. 2000. Explaining child malnutrition in developing countries. International Food Policy Research Institute: Washington, DC.

Smith MI, Yatsunenko T, Manary MJ, Trehan I, Mkakosya R, Cheng J, et al. 2013. Gut microbiome of Malawian twin pairs discordant for kwashiorkor. Science;339:548-54.

Tamburini S, Shen N, Wu H. C, Clemente JC. 2016. The microbiome in early life: implications for health outcomes. Nat. Med;22:713–722.

Tanoue T, Atarashi K, Honda K. 2016. Development and maintenance of intestinal regulatory T cells. Nature Reviews: Immunology;1-15.

Thursby E, Juge N. 2017. Introduction to the human gut microbiota. Biochemical journal;474:1823-1836.

Titaley CR, Ariawan I, Hapsari D, Muasyaroh A, Dibley MJ. 2019. Determinants of the stunting of children under two years old in Indonesia: a multilevel analysis of the 2013 Indonesia basic health survey. Nutrients;11(1106):1-13.

UKK Nutrisi dan penyakit Metabolik. 2011. Rekomendasi IDAI: Asuhan nutrisi pediatrik. Jakarta.

United Nations Children's Fund (UNICEF), World Health Organization (WHO), World Bank Group. 2015. Child malnutrition estimates: levels and trends in child malnutrition. Key findings of the 2015 Edition. New York

United Nations Children's Fund (UNICEF), World Health Organization (WHO), World Bank Group. 2012. Joint child malnutrition estimates. New York.

United Nations Children's Fund (UNICEF). 2009. Tracking progress on child and maternal nutrition: A survival development priority. New York. USA.

UNICEF/WHO/World Bank Group Joint Child Malnutrition Estimates. 2021. Levels and trends in child malnutrition: Key findings of 2021 edition. New York, USA.

Vellely H, Britton RA, Preides GA. 2017. Mechanisms of cross-talk between the diet, the intestinal microbiome, and the undernourished host. Gut Microbes;8:98-112.

Victora CG, de Onis M, Hallal PC, Blossner M, Shrimpton R. 2010. Worldwide timing of growth faltering: revisiting implications for interventions. Pediatrics;125:4730480.

Vogiatzi MG, Copel ND KC. 1998. The short child. Pediatrics in review;19(3):92-99.

Vonaesch P, Randremana R, Gody JC, Collard JM, et al. 2018. Identifying the etiology and pathophysiology underlying stunting and environmental enteropathy: study protocol of the AFRIBIOTA project. BMC Pediatrics;18:236.

Wallace TD, Bradley S, Buckley ND, Green-Johnson JM. 2003. Interaction of lactic acid bacteria with human epithelial cells: Effect on cytokine production. Journal of food protection;66(3):466-72.

Wan YY, Flavell RA. 2007. Regulatory T cells, transforming growth factor- β , and immune suppression. Proc Am Thorac Soc;4:271-276.

Wan YY, Flavell RA. 2008. TGF- β and regulatory T cell in immunity and autoimmunity. J Clin Immunol;28(6):647-659.

Wah SM, Chen W. 2005. Transforming growth factor- β -induced regulatory T cells referee inflammatory and autoimmune diseases. Arthritis Res Ther;7:62-68.

Wellina WF, Kartasurya MI, Rahfilludin MZ. 2016. Faktor risiko stunting pada anak umur 12-24 bulan. Jurnal gizi Indonesia; 5(1):55-61.

Whershil BK, Furuta GT. 2008. Gastrointestinal mucosal immunity. Journal allergy and clinical immunology; 121:380-383.

Whincup PH, Kaye SJ, Owen CG, Huxley R, Cook DG, Anazawa S, et al. 2008. Birth weight and risk of type 2 diabetes: a systematic review. Journal of The American Medical Association;300:2886-2897.

WHO. 2006. WHO child growth standards: length/height-for-age, weight-for-age, weight for length, weight-for-height and body mass index-for-age: methods and development. Geneva.

WHO. 2008. Training course on child growth assessment, WHO child growth standards: Interpreting growth indicators. Geneva.

Yan Shao, Samuel CF, Evdokia T, Kevin V, Angela S, Nandi S, et al. 2019. Stunted microbiota and opportunistic pathogen colonization in caesarian-section birth. Nature;574:117-121

