

DAFTAR PUSTAKA

- Baratawidjaya KG. 2006. Imunologi dasar. In: Balai penerbit FKUI. Jakarta.
- Binder HJ. 2004 Resistant starch – an adjunct to oral rehydration solution : not yet ready for prime time. JPGN, 39, 325-7.
- Binder HJ, Brown I, Ramakhrisna BS and Young GP. 2014. Oral rehydration therapy in the second decade of the twenty-first century. Curr Gastroenterol Rep, 16(376), 1-8.
- Bird AR, Brown AL and Topping DL. 2000. Starches, resistant starches, the gut microfloraand human health. Microbiol, 1, 25-37.
- Canani RB, Costanzo MG, Pedata M, Meli R and Calignano A. 2011. Potential beneficial effects of butyrate in intestinal and extraintestinal diseases. World J Gastroenterol, 17, 1519-28.
- Cho SS and Finocchiaro ET. 2010 Natural resistant starch as prebiotics and synbiotics. Dalam: Cho SS, Finocchiaro ET, editors. Handbook of prebiotics and probiotics ingredients. Boca Raton: CRC Press Taylor and Francis Group. h. 123-38.
- Cornuéjols D and Pérez S. Starch: a structural mystery. Available from: <http://www.scienceinschool.org>.
- Farthing M, Salam M, Lindberg G, Dite P, Khalif I, Lindo ES, *et al.* 2012. Acute diarrhea in adults and children: a global perspective. World Gastroenterology Organisation Global Guidelines.
- Forsythe P and Bienenstock J. 2010. Immunomodulation by commensal and probiotic bacteria. Immunological Investigations, 39, 429-48. .
- Guandalini S and Kahn SA. 2008. Acute diarrhea. Dalam: Kleinman RE, Sanderson IR, Goulet O, Sherman PM, Mieli-Vergani G, Shneider BL, editors. Walker's pediatric gastrointestinal disease. Edisi 5. Newyork: BC Decker. h. 253-64.
- Guarner F, Khan AG, Garisch J, Eliakim R, Gangl A and Thomson A. 2009. World gastroenterology guidedlines: probiotics and prebiotics. Arab Journal of Gastroenterology, 10, 33-42.
- Hamer HM, Jonkers D, Venema K, Vanhoutvin S, Troost FJ and Brummer RJ. 2009. The role of butyrate on colonic function. Aliment Pharmacol Ther, 27, 104–19.

Hijova E and Chmelarova. 2007. Short chain fatty acid and colonic health. Bratisl Lek Listy, 108, 354-8.

Karyana IPG. 2007. Gangguan keseimbangan elektrolit pada diare. JGAI, 1, 105-10.

Kleessen B, Stoof G, Proll J, Schmiedl D, Noack J and Blaut M. 1997. Feeding resistant starch affect fecal and cecal microflora and short-chain fatty acids in rat. J Anim Sci, 75, 2453-62.

Landon S. Resistant starch review. Available from: <http://www.resistantstarch.com.> .

Macpherson AJ, Geuking MB and McCoy KD. 2005. Immune responses that adapt the intestinal mucosa to commensal intestinal bacteria. Immunology, 115, 153-62.

Mantis NJ, Rol N and Corthesy B. 2011. Secretory IgA's complex roles in immunity and mucosal homeostasis in the gut. Immunology, 4, 603-10.

Mason L and Haffnagle B. 2009. Control of mucosal polymicrobial populations by innate immunity. Cellular Microbiology, 11(9), 1297-305.

Meier R and Gassull MA. 2004. Consensus recommendation on the effects and benefit of fibre in clinical practise. Clinical Nutrition Supplements, 1, 73-80.

Morita T, Tanabe H, Sugiyama K, Kasaoka S and Kiriyama S. 2004. Dietary resistant starch alters the characteristics of colonic mucosa and exerts a protective effect on trinitrobenzene sulfonic acid-induced colitis in rats. Biosci. Biotechnol, 68(10), 2155-64.

Muliadi A, Manullang EV, Khairani, Widiantini W and Mulyanto NJ. 2011. Situasi diare di Indonesia. Buletin Jendela Data dan Informasi Kesehatan RI, 2, 1-18.

Ohland CL and MacNaughton WK. 2010. Probiotic bacteria and intestinal epithelial barrier function. Am J Physiol Gastrointest Liver Physiol, 298, 807-19.

PATH. 2009. Diarrheal disease: Solutions to defeat a global killer. Washington DC: PATH. p. 1-38.

Perrin P, Pierre F, Patry Y, Champ M, Barreur M, Pradal G, et al. 2001. Only fibers promoting a stable butyrate producing colonic ecosystem decrease the rate of aberrant crypt foci in rats. Gut, 48, 53-61.

- Peterson LW and Artis D. 2014. Intestinal epithelial cell: regulators of barrier function and immune homeostasis. *Nature reviews*, 14, 141-53.
- Petri WA, Miller, Biner HJ, Levine MM, Dillingham R and Guerrant RL. 2008. Enteric infections, diarrhea, and their impact on function and development. *The Journal of Clinical Investigation*, 118, 1277-90.
- Prasetyo DH and Purwanto B. 2010. Efek probiotik pada kadar IgA mencit model sepsis. MKB, 42(4), 175-80.
- Raghupaty P, Ramakhrisna BS, Oommen SP, Ahmed MS, Priyaa G, Dziura J, *et al.* 2006. Amylase-resistant starch as adjunct to oral rehydration therapy in children with diarrhea. *JPGN*, 42, 362-8.
- Ramakrishna BS, Venkataram S, Srinivasan P, Dash P, Young GP and Binder HJ. 2000. Amylase – resistant starch plus oral rehydration solution for cholera. *N Engl J Med*, 342, 308-12.
- Rao MC. 2004. Oral rehydration therapy: new explanations for old remedy. *Annu Rev Physiol*, 66, 385-417.
- Sajilata MG, Singhal RS and Kulkarni PR. 2005. Resistant starch - a review. Mumbai : Food Engineering and Technology Dept., Inst. of Chemical Technolog.
- Salminen S, Bouley C, Boutron-Ruault MC, Cummings JH, Franck, Gibson GR, *et al.* 1998. Functional food science and gastrointestinal physiology and function. *British Journal of Nutrition*, 80, 147-71.
- Sandle GI. 1998. Salt and water absorption in the human colon: a modern appraisal. *Gut*, 43, 294-9.
- Sharma R, Young C and Neu J. 2010. Molecular modulation of intestinal epithelial barrier: contribution of microbiota. *Journal of Biomedicine and Biotechnology*, 10, 1-15.
- Siregar MH, Bakri A, Ismail R and Azhar MB. 2007. Manfaat penambahan gum arabik terhadap efektifitas oralit pada pengobatan diare akut pada penderita rawat jalan. *JGAI*, 2, 14-20.
- Strugnell RA and Wijburg OLC. 2010. The role of secretory antibodies in infection immunity. *Nature*, 8, 656-65.
- Subagyo B and Santoso NB. 2012. Diare akut. Dalam: Juffrie M, Soenarto SSY, Oswari H, Arief S, Rosalina I, Mulyani NS, editor. Buku ajar gastroenterologi-hepatologi. Jakarta: Badan Penerbit IDAI. h. 87-120.

Szajewska H. 2007. Probiotics and prebiotics in pediatrics: where we now?. The Turkish Journal of Pediatrics, 49, 231-44.

Szajewska H and Shamir R. 2008. Prebiotics, synbiotics and fermented products. Dalam: Kleinman RE, Sanderson IR, Goulet O, Sherman PM, Mieli-Vergani G, Shneider BL, editors. Walker's pediatric gastrointestinal disease Edisi 5. Newyork: BC Decker. h. 399-409.

Thapar N and Sanderson IR. 2004. Diarrhoea in children: an interface between developing and developed countries. The Lancet, 363, 641-52.

Tim Adaptasi Indonesia. 2009. Diare. Dalam : Buku saku pelayanan kesehatan Anak di rumah sakit. Jakarta: World Health Organization. h. 131-52.

Topping DL, Bajka BH, Bird AR, Clarke JM, Cobiac L, Conlon MA, *et al.* 2008. Resistant starches as a vehicle for delivering health benefit to the human large bowel. Microbial Ecology in Health and Disease, 20, 103-8.

Topping DL and Clifton PM. 2001. Short chain fatty acids and human colonic function: roles of resistant starch and nonstarch polysaccharides. Physiol Rev, 81, 1031-64.

Topping DL, Fukushima M and Bird A. 2003. Resistant starch as a prebiotic and symbiotic: state of the art. Proceeding of the Nutrition Society, 62, 171-6.

Van Paassen NB, Vincent A, Puiman PJ, Sluis MVD, Bouma J, Boehm G, *et al.* 2009. The regulation of intestinal mucin MUC2 expression by short-chain fatty acids: implications for epithelial protection. Biochem J, 420, 211-9.

Vernazza CL, Rabiu BA and Gibson GR. 2006. Human colonic microbiology and the role of dietary intervention: introduction to prebiotics. Dalam: Gibson GR, Rastall RA, editors. Prebiotics: development and application. England: John Wiley & Sons Ltd. h.1-28.

Zarazoza EF, Navarrete MJR, Zapata AS and Alvarez JAP. 2010. Resistant starch as functional ingredient: A review. Food Research International, 30, 1-12.