

## BAB VII

### DAFTAR PUSTAKA

- A. M. Bakker-Zierikzee; E. A. F. van Tol, H. Kroes, M. S. Alles, F. J. Kok; J. G. Bindels (2006). Faecal sIgA Secretion in Infants Fed on Pre- or Probiotic Infant Formula, *Pediatric Allergy and Immunology*, 17(2), 134–140. <https://doi.org/10.1111/j.1399-3038.2005.00370.x>.
- Abbas, Abul K., Andrew H. Lichtman, Shiv Pillai. (2016). *Basic Immunology Functions and Disorders of the Immune System: Fourth Edition*. Elsevier Saunders. Philadelphia.
- Alexander, Ashley, Donna Dowling, Lydia Furman. (2010). What Do Pregnant Low-Income Women Say About Breastfeeding?. *Breastfeeding Medicine*, 5(1), 17–23. <https://doi.org/10.1089/bfm.2009.0034>.
- Arora, M., Karn, S. K., Singh, R. K., & Sharma, A. K. (2020). Role of Probiotics in Prevention and Control of Viral Infection. *International Journal of Herbal Medicine*, 8(5), 42-47. <https://doi.org/10.1016/j.jamps.2013.07.001>.
- Aryayev, M. L., Senkivska, L. I., Bredeleva, N. K., & Talashova, I. V. (2018). Prophylaxis of Acute Respiratory Infections Via Improving the Immune System in Late Preterm Newborns with *E. coli* strain Nissle 1917: A Controlled Pilot Trial. *Pilot and Feasibility Studies*, 4(1), 1-9. <https://doi.org/10.1186/s40814-018-0271-y>.
- Bajaj, B. K., Claes, I. J., & Lebeer, S. (2021). Functional Mechanisms of Probiotics. *Journal of Microbiology, Biotechnology and Food Sciences*, 4(4), 321-327. <https://doi.org/10.15414/jmbfs.2015.4.4.321-327>.
- Bird, Anna Schrek, Philip J. Gregory, Mohamed A. Jalloh, Zara Risoldi Cochrane, Darren J. Hein. (2016). Probiotics for the Treatment of Infantile Colic: A Systematic Review. *Journal of Pharmacy Practice*, 30(3), 366-374. <https://doi.org/10.1177/0897190016634516>
- Blackburn, Susan Tucker. (2018). *Maternal, Fetal, and Neonatal Physiology: a Clinical Perspective*. Elsevier Saunders. Washington.
- Bottari, Benedetta, Vincenzo Castellone, Erasmo Neviani. (2020). Probiotics and Covid-19. *International Journal of Food Sciences and Nutrition*, 72(3), 293-299. <https://doi.org/10.1080/09637486.2020.1807475>.
- Brown, Judith, Janet S. Isaac, U. Beate Krinke, Ellen Lechtenberg, Maureen A. Murtaugh, Carolyn Sharbaugh, Patricia L. Splett, Jamie Stang, Nancy H. Wooldridge. (2011). *Nutrition Through the Life Cycle; Fifth Edition*. Cengage Learning. USA.
- Cáceres, P., Montes, S., Vega, N., Cruchet, S., Brunser, O., & Gotteland, M. (2010). Effects of *Lactobacillus rhamnosus* HN001 on Acute Respiratory Infections and

- Intestinal Secretory IgA in Children. *Journal of Pediatric Infectious Diseases*, 5(4), 353-362. <https://doi.org/10.3233/JPI-2010-0267?sid=semanticscholar>.
- Chen, Yi, Guanghui Li, Yan Ruan, Liying Zou, Xin Wang, and Weiyuan Zhang. (2013). An Epidemiological Survey on Low Birth Weight Infants in China and Analysis of Outcomes of Full-term Low Birth Weight Infants. *BMC Pregnancy Childbirth*, 13(242), 1-9. <https://doi.org/10.1186/1471-2393-13-242>.
- Clark, Rachael, Thomas Kupper. (2005). Old Meets New: The Interaction Between Innate and Adaptive Immunity. *Journal of Investigate Dermatology*, 125(4), 629-637. <https://doi.org/10.1111/j.0022-202X.2005.23856.x>.
- Di Gioia, Diana; Aloisio, Irene; Mazzola, Giuseppe; Biavati, Bruno (2014). Bifidobacteria: Their Impact on Gut Microbiota Composition and Their Applications as Probiotics in Infants. *Applied Microbiology and Biotechnology*, 98(2), 563–577. <https://doi.org/10.1007/s00253-013-5405-9>.
- Elgert, Klaus D. (2009). *Immunology: Understanding the Immune System*. John Wiley & Sons Inc. Canada.
- Floch, Martin H., Yehuda Ringel, W. Allan Walker. (2017). *The Microbiota in Gastrointestinal Pathophysiology: Implications for Human Health, Prebiotics, Probiotics, and Dysbiosis*. Elsevier. United States.
- Galdeano, C. M., Cazorla, S. I., Dumit, J. M. L., Vélez, E., & Perdigón, G. (2019). Beneficial Effects of Probiotic Consumption on the Immune System. *Annals of Nutrition and Metabolism*, 74(2), 115-124. <https://doi.org/10.1159/000496426>.
- Gayatri Athalye-Jape, Girish Deshpande, Shripada Rao, and Sanjay Patole. (2014). Benefits of Probiotics on Enteral Nutrition in Preterm Neonates: A Systematic Review. *The American Journal of Clinical Nutrition*, 100(6), 1508-1519. <https://doi.org/10.3945/ajcn.114.092551>.
- Gibson, Glenn R. (2005). *Food Science and Technology: Functional Foods Volume 1*. International Food Information Service. United Kingdom.
- Glick, Bernard R., Terry L. Delovitch, Cheryl L. Patten. (2014). *Medical Biotechnology*. ASM Press. Washington.
- Gómez-Rodríguez, G., Amador-Licona, N., Daza-Benítez, L., Barbosa-Sabanero, G., Carballo-Magdaleno, D., Aguilar-Padilla, R., & González-Ramírez, E. (2019). Single strain Versus Multispecies Probiotic on Necrotizing Enterocolitis and Faecal IgA Levels in Very Low Birth Weight Preterm Neonates: A Randomized Clinical Trial. *Pediatrics & Neonatology*, 60(5), 564-569. <https://doi.org/10.1016/j.pedneo.2019.02.005>.
- Guaraldi, Federica, Guglielmo Salvatori. (2012). Effect of Breast and Formula Feeding on

Gut Microbiota Shaping in Newborns. *Frontiers in Cellular and Infection Microbiology*, 2(94), 1-4. <https://doi.org/10.3389/fcimb.2012.00094>.

Gwaltney Jr, J. M. (2002). Clinical Significance and Pathogenesis of Viral Respiratory Infections. *The American Journal of Medicine*, 112(6), 13-18. [https://doi.org/10.1016/S0002-9343\(01\)01059-2](https://doi.org/10.1016/S0002-9343(01)01059-2).

Hameed, Maytham, Mohanad Kadhim Mirdan Al-Ibraheemi, Falah Hasan Obayes Al-Khikani, Noor Flay yih Hasan, Huda Ali Salman Almosawey, Atyaf Ali A-Asadi. (2020). The Possible Role of Immunoglobulin A Monoclonal Antibodies Against COVID-19 Infection. *MPHAM: Matrix Science Medica*, 4(4), 96-102. [https://doi.org/10.4103/MTSM.MTSM\\_27\\_20](https://doi.org/10.4103/MTSM.MTSM_27_20).

Henderickx, J. G., Zwittink, R. D., van Lingen, R. A., Knol, J., & Belzer, C. (2019). The Preterm Gut Microbiota: An Inconspicuous Challenge in Nutritional Neonatal Care. *Frontiers in Cellular and Infection Microbiology*, 9(85), 1-12. <https://doi.org/10.3389/fcimb.2019.00085>.

Holscher, H. D., Cerkies, L. A., Cekola, P., Litov, R., Benbow, M., Santema, S., ... & Tappenden, K. A. (2012). Bifidobacterium Lactis Bb12 Enhances Intestinal Antibody Response in Formula-fed Infants: a Randomized, Double-blind, Controlled trial. *Journal of Parenteral and Enteral Nutrition*, 36(1), 106-117. <https://doi.org/10.1177/0148607111430817>.

Isolauri, Erika (2007). Probiotics in Preterm Infants: A Controversial Issue. *Journal of Pediatric Gastroenterology and Nutrition*, 45(3), 188–189. <https://doi.org/10.1097/01.mpg.0000302970.67997.db>.

Jackson, Kelly M., Andrea M. Nazar. (2006). Breastfeeding, the Immune Response, and Long-term Health. *Journal of Osteopathic Medicine*, 106(4), 203-207. [https://doi.org/10.7556/jom\\_2006\\_04.0001](https://doi.org/10.7556/jom_2006_04.0001).

K, Alfaleh, dan Anabrees J. (2014). Probiotics for Prevention of Necrotizing Enterocolitis in Preterm Infants (Review). *Evidence-based Child Health: A Cochrane Review Journal*, 9(3), 584-671. <https://doi.org/10.1002/ebch.1976>.

Kamada, Nobuhiko; Seo, Sang-Uk; Chen, Grace Y.; Núñez, Gabriel (2013). Role of the Gut Microbiota in Immunity and Inflammatory Disease. *Nature Reviews Immunology*, 13(5), 321–335. <https://doi.org/10.1038/nri3430>.

Kaur, B. P., & Secord, E. (2019). Innate Immunity. *Pediatric Clinics of North America*, 66(5), 905–911. <https://doi.org/10.1016/j.pcl.2019.06.011>.

Kusumo, P. D., B. Bela, H. Wibowo, Z. Munasir, I. S. Surono. (2019). *Lactobacillus plantarum* IS-10506 Supplementation Increases Faecal sIgA and Immune Response in Children Younger than Two Years. Wageningen Academic: *Beneficial Microbes*, 10(3), 245-252. <https://doi.org/10.3920/BM2017.0178>.

- Lan, F. Y., Filler, R., Mathew, S., Buley, J., Iliaki, E., Bruno-Murtha, L. A., ... & Kales, S. N. (2020). COVID-19 Symptoms Predictive of Healthcare Workers' SARS-CoV-2 PCR Results. *PLoS one*, 15(6), 1-12. <https://doi.org/10.1371/journal.pone.0235460>.
- Li, X., Zhang, Y. K., Yin, B., Liang, J. B., Jiang, F., & Wu, W. X. (2019). Toll-Like Receptor 2 (TLR2) and TLR4 Mediate the IgA Immune Response Induced by Mycoplasma Hyopneumoniae. *Infection and immunity*, 88(1), 1-15. <https://doi.org/10.1128/IAI.00697-19>.
- Luminturahardjo Winarko. (2021). Peranan Probiotik dalam Penanganan Infeksi COVID-19. *Continuing Medical Education*, 48(5), 273-278. <http://dx.doi.org/10.55175/cdk.v48i5.1371>
- Luoto, R., Ruuskanen, O., Waris, M., Kalliomäki, M., Salminen, S., & Isolauri, E. (2014). Prebiotic and Probiotic Supplementation Prevents Rhinovirus Infections in Preterm Infants: a Randomized, Placebo-Controlled Trial. *Journal of Allergy and Clinical Immunology*, 133(2), 405-413. <https://doi.org/10.1016/j.jaci.2013.08.020>.
- Mahooti, M., Miri, S. M., Abdolalipour, E., & Ghaemi, A. (2020). The Immunomodulatory Effects of Probiotics on Respiratory Viral Infections: A Hint for COVID-19 Treatment?. *Microbial pathogenesis*, 148, 1-9. <https://doi.org/10.1016/j.micpath.2020.104452>.
- Maldonado, J., Cañabate, F., Sempere, L., Vela, F., Sánchez, A. R., Narbona, E., ... & Lara-Villoslada, F. (2012). Human Milk Probiotic *Lactobacillus fermentum* CECT5716 Reduces the Incidence of Gastrointestinal and Upper Respiratory Tract Infections in Infants. *Journal of pediatric gastroenterology and nutrition*, 54(1), 55-61. <https://doi.org/10.1097/MPG.0b013e3182333f18>.
- Marina Azambuja Amaral, Gabriela Helena Barbosa Ferreira Guedes, Matias Epifanio, Mario Bernardes Wagner, Marcus Herbert Jones, and Rita Mattiello. (2017). Network Meta-Analysis of Probiotics to Prevent Respiratory Infections in Children and Adolescents. *Pediatric Pulmonology*, 52(6), 833-843. <https://doi.org/10.1002/ppul.23643>.
- Martin, Richard J., Avroy A. Fanaroff, Michele C. Walsh. (2020). *Fanaroff & Martin's Neonatal-Perinatal Medicine*. Elsevier Saunders. Philadelphia.
- Mathieu, Veronique Demers, Gabrielle Mathijssen, Ciera Dapra, Dung M. Do, and Elena Medo. (2020). Active Free Secretory Component and Secretory IgA in Human Milk: Do Maternal Vaccination, Allergy, Infection, Mode of Delivery, Nutrition and Active Lifestyle Change Their Concentrations? *Pediatric Research*, 89(4), 795-802. <https://doi.org/10.1038/s41390-020-0966-7>.
- Milanoi, S., Ongus, J. R., Gachara, G., Coldren, R., & Bulimo, W. (2016). Serotype and Genetic Diversity of Human Rhinovirus Strains that Circulated in Kenya in 2008. *Influenza and Other Respiratory Viruses*, 10(3), 185-191.

<https://doi.org/10.1111/irv.12373>.

Mizock, B. A. (2015). Probiotics. *Disease-a-Month*, 61(7), 259–290. [10.1016/j.disamonth.2015.03.011](https://doi.org/10.1016/j.disamonth.2015.03.011).

Mohan, R., Koebnick, C., Schildt, J., Mueller, M., Radke, M., & Blaut, M. (2008). Effects of *Bifidobacterium lactis* Bb12 Supplementation on Body Weight, Fecal pH, Acetate, Lactate, Calprotectin, and IgA in Preterm Infants. *Pediatric Research*, 64(4), 418-422. <https://doi.org/10.1203/PDR.0b013e318181b7fa>.

Mowat, Allan M.; Agace, William W. (2014). *Regional Specialization within the Intestinal Immune System*. *Nature Reviews Immunology*, 14(10), 667–685. <https://doi.org/10.1038/nri3738>.

Nocerino, R., De Filippis, F., Cecere, G., Marino, A., Micillo, M., Di Scala, C., ... & Berni Canani, R. (2020). The Therapeutic Efficacy of *Bifidobacterium animalis* subsp. *lactis* BB-12® in Infant Colic: A Randomised, Double blind, Placebo-Controlled Trial. *Alimentary Pharmacology & Therapeutics*, 51(1), 110-120. <https://doi.org/10.1111/apt.15561>.

Ohland, C. L., & MacNaughton, W. K. (2010). Probiotic Bacteria and Intestinal Epithelial Barrier Function. *American Journal of Physiology-gastrointestinal and Liver Physiology*, 298(6), 807-819. doi: <https://doi.org/10.1152/ajpgi.00243.2009>.

Oliveira, Gislane Lelis Vilela de, Camilla Narjara Simao Oliveira, Camila Figueiredo Pinzan, Larissa Vedovato Vilela de Salis, and Cristina Ribeiro de Barros Cardoso. (2021). Microbiota Modulation of Gut-Lung Axis in COVID-19. *Frontiers in Immunology*, 12, 1-14. <https://doi.org/10.3389/fimmu.2021.635471>.

Onubi, Ojochenemi, Amudha S. Poobalan, Brendan Dineen, Debbi Marais, dan Geraldine McNeill. (2015). Effects of Probiotics on Child Growth: a Systematic Review. *Journal of Health, Population, and Nutrition*, 34(8), 1-15. <https://doi.org/10.1186/s41043-015-0010-4>.

Pai, U. A., Chandrasekhar, P., Carvalho, R. S., & Kumar, S. (2018). The Role of Nutrition in Immunity in Infants and Toddlers: An Expert Panel Opinion. *Clinical Epidemiology and Global Health*, 6(4), 155-159. <https://doi.org/10.1016/j.cegh.2017.11.004>.

Pärty, A., Luoto, R., Kalliomäki, M., Salminen, S., & Isolauri, E. (2013). Effects of Early Prebiotic and Probiotic Supplementation on Development of Gut Microbiota and Fussing and Crying in Preterm Infants: a Randomized, Double-blind, Placebo-controlled Trial. *The Journal of pediatrics*, 163(5), 1272-1277. <https://doi.org/10.1016/j.jpeds.2013.05.035>.

Plessas Stavros, Loulouda Bosnea, Athanasios Alexopoulos, Eugenia Bezirtzoglou. (2012). Potential Effects of Probiotics in Cheese and Yogurt Production: A Review. *Engineering in*

*Life Sciences.* 12(4), 1-9. <https://doi.org/10.1002/elsc.201100122>.

Prentice, Sarah. (2017). They Are what You eat: Can Nutritional Factors during Gestation and early infancy Modulate the Neonatal immune Response? *Frontiers in immunology*, 8, 1641. <https://doi.org/10.3389/fimmu.2017.01641>.

Purisch, S. E., & Gyamfi-Bannerman, C. (2017). Epidemiology of Preterm Birth. *Seminars in Perinatology*, 41(7), 387-391. <https://doi.org/10.1053/j.semperi.2017.07.009>.

Rahamon, S. K., & Arinola, G. O. (2012). Immunoglobulin Classes and Acute Phase Proteins In The Breast Milk and Plasma of Nigerian HIV-Infected Lactating Mothers. *European Journal of General Medicine*, 9(4). <https://dergipark.org.tr/en/pub/ejgm/issue/5294/71702>.

Rautava, S., Salminen, S., & Isolauri, E. (2008). Specific Probiotics in Reducing the Risk of Acute Infections in Infancy—a Randomised, Double-blind, Placebo-controlled Study. *British Journal of Nutrition*, 101(11), 1722-1726. <https://doi.org/10.1017/S0007114508116282>.

Retnaningtyas, Lucia P., Subijanto M. Sudarmo, Ariyanto Harsono, Sylviati M. Damanik. (2008). Effect of Probiotic on the Fecal sIgA Level in Preterm Infants (A Randomized Double-blind Placebo Control Study). *Folia Medica Indonesiana*, 48(4), 246-252. <http://dx.doi.org/10.14238/pi48.4.2008.246-52>.

Retnaningtyas, Lucia Pudyastuti, Risa Etika, Subijanto Marto Sudarmo. (2010). Effect of Probiotic Administration on the Level of Fecal Secretory Immunoglobulin A in Premature Infants. *Folia Medica Indonesiana*, 46(1), 15-23. <http://journal.unair.ac.id/filerPDF/03%2007039%20Lucia.pdf>

Roggero, P., Liotto, N., Pozzi, C., Braga, D., Troisi, J., Menis, C., & Rescigno, M. (2020). Analysis of Immune, Microbiota and Metabolome Maturation in Infants in a Clinical Trial of *Lactobacillus paracasei* CBA L74-Fermented Formula. *Nature communications*, 11(1), 1-13. <https://doi.org/10.1038/s41467-020-16582-1>.

Romero, Roberto, Sudhansu K. Dey, Susan J. Fisher. (2014). Preterm Labor: One Syndrome, Many Causes. *Sciences*, 345(6198), 760-765. <https://doi.org/10.1126/science.1251816>.

Saavedra, Jose M; Abi-Hanna, Adel; Moore, Nancy; Yolken, Robert H (2004). Long-term Consumption of Infant Formulas Containing Live Probiotic Bacteria: Tolerance and Safety. *The American Journal of Clinical Nutrition*, 79(2), 261–267. <https://doi.org/10.1093/ajcn/79.2.261>.

Stephanie, Nine Kirana Ratih, Susan Soka, dan Antonius Suwanto. (2017). Effect of Tempeh Supplementation on the Profiles of Human Intestinal Immune System and Gut Microbiota. *Microbiology Indonesia*, 11(1), 11-17.

[https://doi.org/10.5454/mi.11.1.2.](https://doi.org/10.5454/mi.11.1.2)

Sundararaman, A., Ray, M., Ravindra, P. V., & Halami, P. M. (2020). Role of Probiotics to Combat Viral Infections with Emphasis on COVID-19. *Applied Microbiology and Biotechnology*, 104(19), 8089-8104. <https://doi.org/10.1007/s00253-020-10832-4>

Symk, Wiktor, Maciej K. Janik, Piero Portincasa, Piotr Milkiewicz, Frank Lammert, Marcin Krawczyk. (2020). Focus on the Lungs But Do Not Forget the Gastrointestinal Tract. *European Journal of Clinical Investigation*, 50(9), 1-20. <https://doi.org/10.1111/eci.13276>.

Taipale, T., Pienihäkinen, K., Isolauri, E., Larsen, C., Brockmann, E., Alanen, P., ... & Söderling, E. (2011). *Bifidobacterium animalis* subsp. lactis BB-12 in Reducing the Risk of Infections in Infancy. *British Journal of Nutrition*, 105(3), 409-416. <https://doi.org/10.1017/S0007114510003685>.

Tanaka, K., Tsukahara, T., Yanagi, T., Nakahara, S., Furukawa, O., Tsutsui, H., & Koshida, S. (2017). *Bifidobacterium bifidum* OLB6378 Simultaneously Enhances Systemic and Mucosal Humoral Immunity in Low Birth Weight Infants: a Non-randomized Study. *Nutrients*, 9(3), 1-10. <https://doi.org/10.3390/nu9030195>.

Tapia Navarro, E., Sebastiani, G., Sailer, S., Almeida Toledo, L., Serra-Delgado, M., García-Algar, Ó., & Andreu-Fernández, V. (2020). Probiotic Supplementation During the Perinatal and Infant Period: Effects on Gut Dysbiosis and Disease. *Nutrients*, 12(8), 2243. <https://doi.org/10.3390/nu12082243>.

Terahara, M., Nakamura, Y., Tsuboi, M., Jinno, S., Tsukahara, T., Miyake, T., & Shimojo, N. (2021). Effects of the Intake of Non-live *Bifidobacterium bifidum* on the Faecal IgA of Full-term Infants: a Double-Blind, Randomised, Placebo-controlled Study. *Bioscience of Microbiota, Food and Health*, 40(4), 1-34. <https://doi.org/10.12938/bmfh.2021-018>.

Vandini, S., Biagi, C., Fischer, M., & Lanari, M. (2019). Impact of Rhinovirus Infections in Children. *Viruses*, 11(6), 521. <https://doi.org/10.3390/v11060521>.

Varadhachary, Atul, Dev Chatterjee, Javier Garza, Robert Patrick Garr, Christopher Foley, Andrea Ford Letkeman, John Dean, David Haug, Juliet Breeze, Robbyn Traylor, Andrew Malek, Rohan Nath, Leo Linbeck. (2020). Salivary Anti-SARS-CoV-2 IgA as an Accessible Biomarker of Mucosal Immunity Against COVID-19, *MedRxiv: The Preprint Server for Health Sciences*, 1. <https://doi.org/10.1101/2020.08.07.20170258>.

Vudum S. Reddy, Sanjay K. Patole, and Shripada Rao. (2013). Role of Probiotics in Short Bowel Syndrome in Infants and Children—A Systematic Review. *Nutrients*, 5(3), 679-699. <https://doi.org/10.3390/nu5030679>.

Weizman, Z., Asli, G., & Alsheikh, A. (2005). Effect of a Probiotic Infant Formula on

- Infections in Child Care Centers: Comparison of Two Probiotic Agents. *Pediatrics*, 115(1), 5-9. <https://doi.org/10.1542/peds.2004-1815>
- Woof, J.M.; Kerr, M.A. (2004). IgA function—Variations on a Theme. *Immunology*, 113(2), 175–177. <https://doi.org/10.1111/j.1365-2567.2004.01958.x>.
- Woof, J., Russell, M. (2011). Structure and function relationships in IgA. *Nature*, 4, 590–597. <https://doi.org/10.1038/mi.2011.39>.
- World Health Organization (WHO), Breastfeeding Factsheets. Infant and Young Child Feeding, World Health Organization (WHO), Geneva, Switzerland, 2020, <https://www.who.int/news-room/fact-sheets/detail/infant-and-young-childfeeding>.
- Xiao, L., C. Gong, Y. Ding, G. Ding, X. Xu, C. Deng, X. Ze, P. Malard, and X. Ben. (2019). Probiotics Maintain Intestinal Secretory Immunoglobulin A Levels in Healthy Formula-fed Infants: a Randomized, Double-blind, Placebo-Controlled Study. *Beneficial Microbes*. 10(7), 729-739. <https://doi.org/10.3920/BM2019.0025>.
- Yan, F., & Polk, D. B. (2011). Probiotics and Immune Health. *Current Opinion in Gastroenterology*, 27(6), 496-501. <https://doi.org/10.1097/MOG.0b013e32834baa4d>.
- Yazdanpanah, Fereshteh, Michael R. Hamblin, Nima Rezaei. (2020). The Immune System and COVID-19: Friend or Foe? *Life Science*, 256, 117900. <https://doi.org/10.1016/j.lfs.2020.117900>.
- Yousefi, Bahman, Majid Eslami, Abdolmajid Ghasemian, Parviz Kokhaei, Amir Salek Farrokhi, Narges Darabi. (2018). Probiotics Importance and Their Immunomodulatory Properties. *Journal of Cellular Physiology*, 234, 8008-8018. <https://doi.org/10.1002/jcp.27559>.
- Zhang, Hu, Yu-Sheng Liao, Jing Gong, Jing Liu, Xi Xia, Heng Zhang. (2020). Clinical Characteristics of Coronavirus disease (COVID-19) Patients with Gastrointestinal Symptoms: A Report of 164 Cases. *Digestive and Liver Disease*, 52(10), 1076-1079. <https://doi.org/10.1016/j.dld.2020.04.034>.
- Zhao, S., Feng, P., Meng, W., Jin, W., Li, X., & Li, X. (2022). Modulated Gut Microbiota for Potential COVID-19 Prevention and Treatment. *Frontiers in medicine*, 9, 811176. <https://doi.org/10.3389/fmed.2022.811176>.