

DAFTAR PUSTAKA

- Abdul Sattar, bin S., & Singh, S. (2023). *Bacterial Gastroenteritis*. <https://www.ncbi.nlm.nih.gov/books/NBK513295/>
- Abu, A., Sutthikornchai, C., Mahittikorn, A., Koompapong, K., Chiabchalard, R., Arthan, D., Soonthornworasiri, N., & Popruk, S. (2023). Prevalence and Subtype Distribution of Blastocystis Isolated from School-Aged Children in the Thai-Myanmar Border, Ratchaburi Province, Thailand. *International Journal of Environmental Research and Public Health*, 20(1). <https://doi.org/10.3390/ijerph20010204>
- Ahmed, S. A., El-Mahallawy, H. S., Mohamed, S. F., Angelici, M. C., Hasapis, K., Saber, T., & Karanis, P. (2022). Subtypes and phylogenetic analysis of Blastocystis sp. isolates from West Ismailia, Egypt. *Scientific Reports*, 12(1). <https://doi.org/10.1038/s41598-022-23360-0>
- Ahmed, S. A., & Karanis, P. (2019). Blastocystis spp., ubiquitous parasite of human, animals and environment. In *Encyclopedia of Environmental Health* (pp. 429–435). Elsevier. <https://doi.org/10.1016/B978-0-12-409548-9.10947-9>
- Alfellani, M. A., Stensvold, C. R., Vidal-Lapiedra, A., Onuoha, E. S. U., Fagbenro-Beyioku, A. F., & Clark, C. G. (2013). Variable geographic distribution of Blastocystis subtypes and its potential implications. *Acta Tropica*, 126(1), 11–18. <https://doi.org/10.1016/j.actatropica.2012.12.011>
- Ariani. (2020). ANALISIS PERILAKU IBU TERHADAP PENCEGAHAN PENYAKIT DIARE PADA BALITA BERDASARKAN PENGETAHUAN Deby Utami Siska Ariani (Vol. 12, Issue 1).
- Baldursson, S., & Karanis, P. (2011). Waterborne transmission of protozoan parasites: Review of worldwide outbreaks - An update 2004-2010. In *Water Research* (Vol. 45, Issue 20, pp. 6603–6614). Elsevier Ltd. <https://doi.org/10.1016/j.watres.2011.10.013>
- Barua, P., Khanum, H., Haque, R., Najib, F., & Kabir, M. (2015). Establishment of blastocystis hominis in-vitro culture using fecal samples from infants in slum area of Mirpur, Dhaka, Bangladesh. *Acta Medica International*, 2(1), 40. <https://doi.org/10.5530/ami.2015.1.34>
- Bourée, P. (2007). *Pathologie infectieuse Blastocystis : commensal ou pathogène ? Étude de 590 cas et revue de la littérature*.
- Boussouf Mila, A. (2023). *Prevalence of human blastocystosis in the region of Mila, correlation with abiotic factors*.
- Coyle, C. M., Varughese, J., Weiss, L. M., & Tanowitz, H. B. (2012). Blastocystis: To treat or not to treat.. *Clinical Infectious Diseases*, 54(1), 105–110. <https://doi.org/10.1093/cid/cir810>

- Deng, L., Chai, Y., Zhou, Z., Liu, H., Zhong, Z., Hu, Y., Fu, H., Yue, C., & Peng, G. (2019a). Epidemiology of *Blastocystis* sp. infection in China: A systematic review. *Parasite*, 26. <https://doi.org/10.1051/parasite/2019042>
- Deng, L., Chai, Y., Zhou, Z., Liu, H., Zhong, Z., Hu, Y., Fu, H., Yue, C., & Peng, G. (2019b). Epidemiology of *Blastocystis* sp. infection in China: A systematic review. *Parasite*, 26. <https://doi.org/10.1051/parasite/2019042>
- Descoteaux, G. J., Shrimanker, I., & Berkelanjutan, K. P. (2023). *Chronic Diarrhea*.
- Eroglu, F., & Koltas, I. S. (2010). Evaluation of the transmission mode of *B. hominis* by using PCR method. *Parasitology Research*, 107(4), 841–845. <https://doi.org/10.1007/s00436-010-1937-4>
- Garcia, L. (2007). *Diagnostic Medical Parasitology* (fifth). <https://onlinelibrary.wiley.com/doi/epdf/10.1128/9781555816018.fmatter>
- Haghghi, L., Talebnia, S. E., Mikaeili, F., Asgari, Q., Gholizadeh, F., & Zomorodian, K. (2020). Prevalence and subtype identification of *Blastocystis* isolated from human in Shiraz city, southern Iran. *Clinical Epidemiology and Global Health*, 8(3), 840–844. <https://doi.org/10.1016/j.cegh.2020.02.010>
- Hassan, M. A., Rizk, M., Wassef, R. M., Disclaimer, P., Egypt, J., & Parasitol, S. (2016). *MODIFIED CULTURE METHODOLOGY FOR SPECIFIC DETECTION OF BLASTOCYSTIS HOMINIS IN STOOL SAMPLES* LinkOut-more resources Medical MedlinePlus Health Information.
- Haziqah, F., Khalid, M., & Zain, M. (2018). Impact of pH on the viability and morphology of *Blastocystis* isolates. In *Tropical Biomedicine* (Vol. 35, Issue 2). <http://www.ncbi.nlm.nih.gov/BLAST>
- Hublin, J. S. Y., Maloney, J. G., & Santin, M. (2021). *Blastocystis* in domesticated and wild mammals and birds. In *Research in Veterinary Science* (Vol. 135, pp. 260–282). Elsevier B.V. <https://doi.org/10.1016/j.rvsc.2020.09.031>
- Ithoi, I., Jali, A., Mak, J. W., Wan Sulaiman, W. Y., & Mahmud, R. (2011). Occurrence of *blastocystis* in water of two rivers from recreational areas in Malaysia. *Journal of Parasitology Research*, 2011. <https://doi.org/10.1155/2011/123916>
- Jap, A. L. S., & Widodo, A. D. (2021). Diare Akut yang Disebabkan oleh Infeksi. *Jurnal Kedokteran Meditek*, 27(3), 282–288. <https://doi.org/10.36452/jkdktmeditek.v27i3.2068>
- Kumarasamy, V., Rajamanikam, A., Anbazhagan, D., Atroosh, W. M., Azzani, M., Subramaniyan, V., & Abdullah, S. R. (2023). Systematic Review and Meta-Analysis: Epidemiology of Human *Blastocystis* spp. Infection in Malaysia. In *Tropical Medicine and Infectious Disease* (Vol. 8,

Issue 8). Multidisciplinary Digital Publishing Institute (MDPI).
<https://doi.org/10.3390/tropicalmed8080415>

Lee, D. Y., Lee, S. Y., Yun, S. H., Jeong, J. W., Kim, J. H., Kim, H. W., Choi, J. S., Kim, G. D., Joo, S. T., Choi, I., & Hur, S. J. (2022). Review of the Current Research on Fetal Bovine Serum and the Development of Cultured Meat. In *Food Science of Animal Resources* (Vol. 42, Issue 5, pp. 775–799). Korean Society for Food Science of Animal Resources.
<https://doi.org/10.5851/kosfa.2022.e46>

Leelayoova, S., Siripattanapipong, S., Thathaisong, U., Naaglor, T., Taamasri, P., Piyaraj, P., & Mungthin, M. (2008). *Drinking Water: A Possible Source of Blastocystis spp. Subtype 1 Infection in Schoolchildren of a Rural Community in Central Thailand.*

Légeret, C., Rüttimann, C., Furlano, R. I., Ruf, T., Poppert, S., Fankhauser, H., & Köhler, H. (2020). Blastocystis in Swiss children: a practical approach. *European Journal of Pediatrics*, 179(6), 979–984. <https://doi.org/10.1007/s00431-020-03599-3>

Lepczyńska, M., Białkowska, J., Dzika, E., Piskorz-Ogórek, K., & Korycińska, J. (2017). Blastocystis: how do specific diets and human gut microbiota affect its development and pathogenicity? In *European Journal of Clinical Microbiology and Infectious Diseases* (Vol. 36, Issue 9, pp. 1531–1540). Springer Verlag. <https://doi.org/10.1007/s10096-017-2965-0>

Li, L. H., Zhou, X. N., Du, Z. W., Wang, X. Z., Wang, L. B., Jiang, J. Y., Yoshikawa, H., Steinmann, P., Utzinger, J., Wu, Z., Chen, J. X., Chen, S. H., & Zhang, L. (2007). Molecular epidemiology of human Blastocystis in a village in Yunnan province, China. *Parasitology International*, 56(4), 281–286. <https://doi.org/10.1016/j.parint.2007.06.001>

Miklos, A. C., Li, C., Sorrell, C. D., Lyon, L. A., & Pielak, G. J. (2011). An upper limit for macromolecular crowding effects. *BMC Biophysics*, 4(1). <https://doi.org/10.1186/2046-1682-4-13>

Moosavi, A., Haghghi, A., Mojarad, E. N., Zayeri, F., Alebouyeh, M., Khazan, H., Kazemi, B., & Zali, M. R. (2012). Genetic variability of Blastocystis sp. Isolated from symptomatic and asymptomatic individuals in Iran. *Parasitology Research*, 111(6), 2311–2315. <https://doi.org/10.1007/s00436-012-3085-5>

Nagel, R., Cuttell, L., Stensvold, C. R., Mills, P. C., Bielefeldt-Ohmann, H., & Traub, R. J. (2012). Blastocystis subtypes in symptomatic and asymptomatic family members and pets and response to therapy. *Internal Medicine Journal*, 42(11), 1187–1195. <https://doi.org/10.1111/j.1445-5994.2011.02626.x>

- Nithyamathi, K., Chandramathi, S., & Kumar, S. (2016). Predominance of Blastocystis sp. infection among school children in Peninsular Malaysia. *PLoS ONE*, 11(2). <https://doi.org/10.1371/journal.pone.0136709>
- Osorio-Pulgarin, M. I., Higuera, A., Beltran-álzate, J. C., Sánchez-Jiménez, M., & Ramírez, J. D. (2021). Epidemiological and molecular characterization of blastocystis infection in children attending daycare centers in medellín, Colombia. *Biology*, 10(7). <https://doi.org/10.3390/biology10070669>
- Padukone, S., Mandal, J., Rajkumari, N., Bhat, B., Swaminathan, R., & Parija, S. (2018). Detection of Blastocystis in clinical stool specimens using three different methods and morphological examination in Jones' medium. *Tropical Parasitology*, 8(1), 33–40. https://doi.org/10.4103/tp.TP_4_18
- Parkar, U., Traub, R. J., Vitali, S., Elliot, A., Levecke, B., Robertson, I., Geurden, T., Steele, J., Drake, B., & Thompson, R. C. A. (2010). Molecular characterization of Blastocystis isolates from zoo animals and their animal-keepers. *Veterinary Parasitology*, 169(1–2), 8–17. <https://doi.org/10.1016/j.vetpar.2009.12.032>
- Permasutha, M. B. (2022). *UJI DETEKSI DAN IDENTIFIKASI MORFOLOGI Blastocystis hominis PADA ANAK DENGAN INFEKSI HIV DI RSUP DR. SARDJITO YOGYAKARTA*.
- Permenkes RI. (n.d.). *PERATURAN MENTERI KESEHATAN REPUBLIK INDONESIA*.
- Piletz, J. E., Drivon, J., Eisenga, J., Buck, W., Yen, S., McLin, M., Meruvia, W., Amaral, C., & Brue, K. (2018). Human Cells Grown With or Without Substitutes for Fetal Bovine Serum. *Cell Medicine*, 10, 215517901875514. <https://doi.org/10.1177/2155179018755140>
- Popruk, S., Adao, D. E. V., & Rivera, W. L. (2021). *Epidemiology and subtype distribution of Blastocystis in humans: A review*. 95. <https://www.sciencedirect.com/science/article/abs/pii/S156713482100383X?via%3Dihub>
- Pramestuti, N., & Saroh, D. (2017). *Blastocystis hominis: Protozoa Usus Potensial Penyebab Diare Blastocystis hominis: Potential Intestinal Protozoa Cause Diarrhea*.
- Puthia, M. K., Vaithilingam, A., Lu, J., & Tan, K. S. W. (2005). Degradation of human secretory immunoglobulin a by Blastocystis. *Parasitology Research*, 97(5), 386–389. <https://doi.org/10.1007/s00436-005-1461-0>
- Rahayu, S. N., & Wahjuningsih, D. S. (2011). SUPLEMENTASI FETAL BOVINE SERUM (FBS) TERHADAP PERTUMBUHAN IN VITRO SEL FOLIKEL KAMBING PE. In *J. Ternak Tropika* (Vol. 12, Issue 1).
- Ramírez, J. D., Sánchez, A., Hernández, C., Flórez, C., Bernal, M. C., Giraldo, J. C., Reyes, P., López, M. C., García, L., Cooper, P. J., Vicuña, Y., Mongi, F., & Casero, R. D. (2016).

- Geographic distribution of human *Blastocystis* subtypes in South America. *Infection, Genetics and Evolution*, 41, 32–35. <https://doi.org/10.1016/j.meegid.2016.03.017>
- Ramírez, J. D., Sanchez, L. V., Bautista, D. C., Corredor, A. F., Florez, A. C., & Stenvold, C. R. (2014). *Blastocystis subtypes detected in humans and animals from Colombia*. <https://www.sciencedirect.com/science/article/abs/pii/S1567134813002864?via%3Dihub>
- Rivera-Dominguez, G., & Ward, R. (2023). *Pediatric Gastroenteritis Continuing Education Activity*. <https://www.ncbi.nlm.nih.gov/books/NBK499939/>
- Robles-Cabrera, M. X., Maguiña, J. L., Gonzales-Huerta, L., Panduro-Correa, V., Dámaso-Mata, B., Pecho-Silva, S., Navarro-Solsol, A. C., Rabaan, A. A., Rodríguez-Morales, A. J., & Arteaga-Livias, K. (2021). *Blastocystis species and gastrointestinal symptoms in peruvian adults attended in a public hospital*. *Infection and Chemotherapy*, 53. <https://doi.org/10.3947/IC.2021.0004>
- Rozi, M. (2019). *Blastocytosis hominis: Unboxing Its Clinical Significance*. In *Sumatera Medical Journal*.
- Sari, I. P., Benung, M. R., Wahdini, S., & Kurniawan, A. (2018). Diagnosis and identification of *Blastocystis* subtypes in primary school children in Jakarta. *Journal of Tropical Pediatrics*, 64(3), 208–214. <https://doi.org/10.1093/tropej/fmx051>
- Scanlan, P. D., Stensvold, C. R., & Cotter, P. D. (2015). Development and application of a *Blastocystis* subtype-specific PCR assay reveals that mixed-subtype infections are common in a healthy human population. *Applied and Environmental Microbiology*, 81(12), 4071–4076. <https://doi.org/10.1128/AEM.00520-15>
- Souppart, L., Moussa, H., Cian, A., Sanciu, G., Poirier, P., El Alaoui, H., Delbac, F., Boorom, K., Delhaes, L., Dei-Cas, E., & Viscogliosi, E. (2010). Subtype analysis of *Blastocystis* isolates from symptomatic patients in Egypt. *Parasitology Research*, 106(2), 505–511. <https://doi.org/10.1007/s00436-009-1693-5>
- Stensvold, C. R., & Clark, G. (2016). *Title: Current status of Blastocystis: a personal view 5 6.*
- Stenzel, D. J., & Boreham, P. F. L. (1996). *Blastocystis hominis Revisited*. In *CLINICAL MICROBIOLOGY REVIEWS* (Vol. 9, Issue 4). <https://journals.asm.org/journal/cmr>
- Subbiahanadar Chelladurai, K., Selvan Christyraj, J. D., Rajagopalan, K., Yesudhason, B. V., Venkatachalam, S., Mohan, M., Chellathurai Vasantha, N., & Selvan Christyraj, J. R. S. (2021). Alternative to FBS in animal cell culture - An overview and future perspective. In *Helicon* (Vol. 7, Issue 8). Elsevier Ltd. <https://doi.org/10.1016/j.heliyon.2021.e07686>
- Sulaiman, N. M., Mohammed, S. T., Sulaiman, N. M., & Kamal, S. B. (2015). *Preparation Simplified Culture for Culturing Blastocystis Hominis Parasite*. 5(20). www.iiste.org

- Tan, K. S. W. (2008). New insights on classification, identification, and clinical relevance of *Blastocystis* spp. In *Clinical Microbiology Reviews* (Vol. 21, Issue 4, pp. 639–665). <https://doi.org/10.1128/CMR.00022-08>
- Tan, T. C., & Suresh, K. G. (2006). Amoeboid form of *Blastocystis hominis* - A detailed ultrastructural insight. *Parasitology Research*, 99(6), 737–742. <https://doi.org/10.1007/s00436-006-0214-z>
- Tancharoen, W., Aungsuchawan, S., Pothacharoen, P., Bumroongkit, K., Puaninta, C., Pangjaidee, N., Narakornsak, S., Markmee, R., Laowanitwattana, T., & Thaojamnong, C. (2019). Human platelet lysate as an alternative to fetal bovine serum for culture and endothelial differentiation of human amniotic fluid mesenchymal stem cells. *Molecular Medicine Reports*, 19(6), 5123–5132. <https://doi.org/10.3892/mmr.2019.10182>
- Vassalos, C. M., Spanakos, G., Vassalou, E., Papadopoulou, C., & Vakalis, N. (2010). Differences in clinical significance and morphologic features of *Blastocystis* sp subtype 3. *American Journal of Clinical Pathology*, 133(2), 251–258. <https://doi.org/10.1309/AJCPDOWQL6E8DMN>
- Velásquez, J. N., Astudillo, O. G., Vittar, N., Pantano, M. L., & Carnevale, S. (2022). Diagnostic Features of *Blastocystis* Life Cycle Forms in the Small Intestine in an HIV-Infected Patient. *Acta Parasitologica*, 67(1), 102–109. <https://doi.org/10.1007/s11686-021-00435-y>
- Wang, T., & Rampisela, D. (2023). Visceral Leishmaniasis With *Blastocystis* Co-infection: A Case Report. *Cureus*. <https://doi.org/10.7759/cureus.44050>
- Wawrzyniak, I., Poirier, P., Texier, C., Delbac, F., Viscogliosi, E., Dionigia, M., & Alaoui, H. E. (2013). *Blastocystis*, an unrecognized parasite: An overview of pathogenesis and diagnosis. In *Therapeutic Advances in Infectious Disease* (Vol. 1, Issue 5, pp. 167–178). <https://doi.org/10.1177/2049936113504754>
- WHO. (2024, March 7). *Diarrhoeal disease*. World Health Organization.
- Widyastuti, R., Setiawan, R., & Darodjah Rasad, S. (2015). *Perbandingan Tingkat Kematangan Inti Oosit Sapi Pasca Maturasi In Vitro dengan Penambahan Serum Buatan 10 % dan Fetal Bovine Serum 10 % (Comparison Nuclear Maturation of Bovine Oocyte after In Vitro Maturation Supplemented with 10% Home-made Serum and 10 % Fetal Bovine Serum)* (Vol. 15, Issue 2).
- Yao, T., & Asayama, Y. (2017). Animal-cell culture media: History, characteristics, and current issues. In *Reproductive Medicine and Biology* (Vol. 16, Issue 2, pp. 99–117). John Wiley and Sons Ltd. <https://doi.org/10.1002/rmb2.12024>
- Yoshikawa, H., Wu, Z., Pandey, K., Pandey, B. D., Sherchand, J. B., Yanagi, T., & Kanbara, H. (2009). Molecular characterization of *Blastocystis* isolates from children and rhesus monkeys

in Kathmandu, Nepal. *Veterinary Parasitology*, 160(3–4), 295–300.
<https://doi.org/10.1016/j.vetpar.2008.11.029>

Yoshikawa, H., Yoshida, K., Nakajima, A., Yamanari, K., Iwatani, S., & Kimata, I. (2004). Fecal-oral transmission of the cyst form of *Blastocystis hominis* in rats. *Parasitology Research*, 94(6), 391–396. <https://doi.org/10.1007/s00436-004-1230-5>

Zhang, X., Qiao, J. Y., Wu, X. M., Da, R., Zhao, L. M., & Wei, Z. C. (2012). In vitro culture of *Blastocystis hominis* in three liquid media and its usefulness in the diagnosis of blastocystosis. *International Journal of Infectious Diseases*, 16(1). <https://doi.org/10.1016/j.ijid.2011.09.012>

Zhang, X., Qiao, J. Y., Zhou, X. J., Yao, F. R., & Wei, Z. C. (2007). Morphology and reproductive mode of *Blastocystis hominis* in diarrhea and in vitro. *Parasitology Research*, 101(1), 43–51. <https://doi.org/10.1007/s00436-006-0439-x>

Zhang, Y., Wang, H., Li, J., Dong, L., Xu, P., Chen, W., Neve, R. L., Volpe, J. J., & Rosenberg, P. A. (2006). Intracellular zinc release and ERK phosphorylation are required upstream of 12-lipoxygenase activation in peroxynitrite toxicity to mature rat oligodendrocytes. *Journal of Biological Chemistry*, 281(14), 9460–9470. <https://doi.org/10.1074/jbc.M510650200>

