

DAFTAR PUSTAKA

- Abdel-Hafeez, E. H. *et al.* (2016) 'Immunopathological assessments of human *Blastocystis* spp. in experimentally infected immunocompetent and immunosuppressed mice', *Parasitology Research*, 115(5), pp. 2061–2071. doi: 10.1007/s00436-016-4951-3.
- Abdel Hameed, D. M., Hassanin, O. M. and Zuel-Fakkar, N. M. (2011) 'Association of *Blastocystis* hominis genetic subtypes with urticaria', *Parasitology Research*, 108(3), 553–560. doi: 10.1007/s00436-010-2097-2.
- Ajjampur, S. S. R. *et al.* (2016) 'Ex vivo and in vivo mice models to study *Blastocystis* spp. adhesion, colonization and pathology: Closer to proving Koch's postulates', *PLoS ONE*, 11(8), pp. 1–17. doi: 10.1371/journal.pone.0160458.
- Ajjampur, S. S. R. and Tan, K. S. W. (2016) 'Pathogenic mechanisms in *Blastocystis* spp. — Interpreting results from in vitro and in vivo studies', *Parasitology International*. Elsevier B.V., 65(6), pp. 772–779. doi: 10.1016/j.parint.2016.05.007.
- Alfellani, MA; Taner-Mulla, D; Jacob, AS; Imeede, C. Y. and H; Stensvold, CR; Clark, C. (2013) 'Genetic Diversity of *Blastocystis* in Livestock and Zoo Animals', *Protist*, 164(4), pp. 497–509. doi: 10.1016/j.protis.2013.05.003.
- Alinaghizade, A. *et al.* (2017) 'Inter- and intra-subtype variation of *Blastocystis* subtypes isolated from diarrheic and non-diarrheic patients in Iran', *Infection, Genetics and Evolution*. Elsevier B.V., 50, pp. 77–82. doi: 10.1016/j.meegid.2017.02.016.
- Andersen, L. O. B. (2016) '*Blastocystis* in Health and Disease - Are We Moving from a Clinical to a Public Health Perspective? PubMed Commons', *Journal of Clinical Microbiology*, 54(3), p. 524/8. doi: 10.1128/JCM.02520-15.Editor.
- Aykur, M. *et al.* (2024) '*Blastocystis*: A Mysterious Member of the Gut Microbiome', *Microorganisms*, 12(3), pp. 1–19. doi: 10.3390/microorganisms12030461.
- Basak, S. and Rajurkar, M. N. (2014) 'Detection of *Blastocystis* hominis: a controversial human pathogen', *Parasitol res*, 113, pp. 261–265. doi: 10.1007/s00436-013-3652-4.
- Buret, A. G., Chin, A. C. and Scott, K. G. E. (2003) 'Infection of human and bovine epithelial cells with *Cryptosporidium andersoni* induces apoptosis and disrupts tight junctional ZO-1: Effects of epidermal growth factor', *International Journal for Parasitology*, 33(12), pp. 1363–1371. doi: 10.1016/S0020-7519(03)00138-3.
- Cakir, F., Cicek, M. and Halil, I. (2019) 'Determination the Subtypes of *Blastocystis* sp . and Evaluate the Effect of These Subtypes on Pathogenicity', *Acta*

Parasitologica. Springer International Publishing, (0123456789), pp. 1–6. doi: 10.2478/s11686-018-00002-y.

Carmen, J. C. and Sinai, A. P. (2007) ‘Suicide prevention: Disruption of apoptotic pathways by protozoan parasites’, *Molecular Microbiology*, 64(4), pp. 904–916. doi: 10.1111/j.1365-2958.2007.05714.x.

Choudhury, S. M. *et al.* (2024) ‘A comparative study of apoptosis, pyroptosis, necroptosis, and PANoptosis components in mouse and human cells’, *PLoS ONE*, 19(2 February), pp. 1–18. doi: 10.1371/journal.pone.0299577.

Cifre, S. *et al.* (2018) ‘*Blastocystis* subtypes and their association with Irritable Bowel Syndrome’, *Medical Hypotheses*. Elsevier, 116(April), pp. 4–9. doi: 10.1016/j.mehy.2018.04.006.

Clark, C. G. *et al.* (2013) *Recent Developments in Blastocystis Research, Advances in Parasitology*. Elsevier. doi: 10.1016/B978-0-12-407706-5.00001-0.

Clark, C. G. and Stensvold, C. R. (2016) ‘*Blastocystis*: Isolation, xenic cultivation, and cryopreservation’, *Current Protocols in Microbiology*, 2016, pp. 20A.1.1-20A.1.8. doi: 10.1002/cpmc.18.

Deng, L. *et al.* (2021) ‘New insights into the interactions between *Blastocystis*, the gut microbiota, and host immunity’, *PLoS Pathogens*, 17(2), pp. 1–15. doi: 10.1371/JOURNAL.PPAT.1009253.

Elmore, S. (2007) ‘Apoptosis: A Review of Programmed Cell Death’, *Toxicologic Pathology*, 35(4), pp. 495–516. doi: 10.1080/01926230701320337.

Elwakil, H. S. and Hewedi, I. H. (2010) ‘Pathogenic potential of *Blastocystis hominis* in laboratory mice’, *Parasitology Research*, 107(3), pp. 685–689. doi: 10.1007/s00436-010-1922-y.

Friesen, J. *et al.* (2018) ‘Evaluation of the Roche LightMix Gastro parasites multiplex PCR assay detecting *Giardia duodenalis*, *Entamoeba histolytica*, cryptosporidia, *Dientamoeba fragilis*, and *Blastocystis hominis*’, *Clinical Microbiology and Infection*. Elsevier Ltd, 24(12), pp. 1333–1337. doi: 10.1016/j.cmi.2018.03.025.

Gabrielli, S. *et al.* (2020) ‘Occurrence of *Blastocystis*-subtypes in patients from Italy revealed association of ST3 with a healthy gut microbiota’, *Parasite Epidemiology and Control*. The Authors, 9, p. e00134. doi: 10.1016/j.parepi.2020.e00134.

Gentekaki, E. *et al.* (2017) ‘Extreme genome diversity in the hyperprevalent parasitic eukaryote *Blastocystis*’, *PLoS Bio*, 15(9), pp. 1–42.

Gong, B. *et al.* (2019) ‘Prevalence and subtype distribution of *Blastocystis* in ethnic minority groups on both sides of the China – Myanmar border , and assessment of risk factors’, *Parasite*, 26, pp. 46–56.

Hemmati, N. *et al.* (2017) ‘Prevalence and Risk Factors of Human Intestinal

Parasites in Roudehen, Tehran Province, Iran.’, *Iranian journal of parasitology*. Tehran University of Medical Sciences, 12(3), pp. 364–373. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/28979346> (Accessed: 18 October 2017).

Higuera, A. *et al.* (2020) ‘Molecular detection and genotyping of intestinal protozoa from different biogeographical regions of Colombia’, *PeerJ*, 8, p. e8554. doi: 10.7717/peerj.8554.

Hussein, E. M. *et al.* (2008) ‘Pathophysiological variability of different genotypes of human *Blastocystis* hominis Egyptian isolates in experimentally infected rats’, *Parasitology Research*, 102(5), pp. 853–860. doi: 10.1007/s00436-007-0833-z.

Iguchi, A. *et al.* (2009) ‘Expression of interferon gamma and proinflammatory cytokines in the cecal mucosa of rats experimentally infected with *Blastocystis* sp. strain RN94-9’, *Parasitology Research*, 105(1), pp. 135–140. doi: 10.1007/s00436-009-1373-5.

Issa, Y. A. *et al.* (2023) ‘Molecular diagnosis and subtyping of *Blastocystis* sp.: Association with clinical, colonoscopic, and histopathological findings’, *Tropical Parasitology*, 13(1), pp. 46–53. doi: 10.4103/tp.tp_28_22.

Jantermor, S. *et al.* (2013) ‘Subtype identification of *Blastocystis* spp. isolated from patients in a major hospital in northeastern Thailand’, *Parasitology Research*, 112(4), pp. 1781–1786. doi: 10.1007/s00436-012-3218-x.

Javanmard, E. *et al.* (2018) ‘Impacts of Human Development Index and Climate Conditions on Prevalence of *Blastocystis*: a Systematic review and Meta-analysis’, *Acta Tropica*. Elsevier B.V., 05(014). doi: 10.1016/j.actatropica.2018.05.014.

Jeremiah, S. and Parija, S. (2013) ‘*Blastocystis*: Taxonomy, biology and virulence’, *Tropical Parasitology*, 3(1), p. 17. doi: 10.4103/2229-5070.113894.

Kapczuk, P. *et al.* (2020) ‘The influence of selected gastrointestinal parasites on apoptosis in intestinal epithelial cells’, *Biomolecules*, 10(5). doi: 10.3390/biom10050674.

Karamati, S. A. *et al.* (2019) ‘Comprehensive Study of Phenotypic and Growth Rate Features of *Blastocystis* Subtypes 1-3 and 6 in Symptomatic and Asymptomatic Subjects’, *Iran J Parasitol Open*, 14(2), pp. 204–213.

Kayagaki, N., Webster, J. D. and Newton, K. (2024) ‘Control of Cell Death in Health and Disease’, *Annual Review of Pathology: Mechanisms of Disease*, 19, pp. 157–180. doi: 10.1146/annurev-pathmechdis-051022-014433.

Kesuma, Y. *et al.* (2019) ‘*Blastocystis* ST-1 is associated with Irritable Bowel Syndrome-diarrhoea (IBS-D) in Indonesian adolescences’, *Parasite Epidemiology and Control*. Elsevier Ltd, 6, p. e00112. doi: 10.1016/j.parepi.2019.e00112.

Khan, M. I. R. (2018) ‘NF-kB (Nuclear Factor Kappa Beta) - A Cell Signalling Pathway’, *Aqua International*, (June).

Kumar, A. *et al.* (2004) ‘Nuclear factor-kB: its role in health and disease’, *Journal*

of *Molecular Medicine*, 82(7), pp. 434–448. doi: 10.1007/s00109-004-0555-y.

Kumarasamy, V. *et al.* (2017) ‘Exacerbation of colon carcinogenesis by *Blastocystis* sp.’, *PloS one*, 12(8), p. e0183097. doi: 10.1371/journal.pone.0183097.

Kumarasamy, V. *et al.* (2018) ‘*Blastocystis* sp., Parasite Associated with Gastrointestinal Disorders: An Overview of its Pathogenesis, Immune Modulation and Therapeutic Strategies’, *Current Pharmaceutical Design*, 24(27), pp. 3172–3175. doi: 10.2174/1381612824666180807101536.

Kumarasamy, V. *et al.* (2023) ‘Systematic Review and Meta-Analysis: Epidemiology of Human *Blastocystis* spp. Infection in Malaysia’, *Tropical Medicine and Infectious Disease*, 8(8). doi: 10.3390/tropicalmed8080415.

Kurt, Ö., Doğruman Al, F. and Tanyüksel, M. (2016) ‘Eradication of *Blastocystis* in humans: Really necessary for all?’, *Parasitology International*. Elsevier B.V., 65(6), pp. 797–801. doi: 10.1016/j.parint.2016.01.010.

Lantsman, Y. *et al.* (2008) ‘Biochemical characterization of amitochondrial-like organelle from *Blastocystis* sp. subtype 7’, *Microbiology*, 154(9), pp. 2757–2766. doi: 10.1099/mic.0.2008/017897-0.

Lawrence, T. (2009) ‘The Nuclear Factor NF- κ B Pathway in Inflammation’, *Cold Spring Harb Perspect Biol*, 1(2), p. \. doi: 10.1101/cshperspect.a001651.

Lepczyńska, M. and Dzika, E. (2019) ‘The influence of probiotic bacteria and human gut microorganisms causing opportunistic infections on *Blastocystis* ST3’, *Gut Pathogens*. BioMed Central, 11(1), pp. 1–11. doi: 10.1186/s13099-019-0287-8.

Li, J. *et al.* (2013) ‘A rat model to study *Blastocystis* subtype 1 infections’, *Parasitology Research*, 112(10), pp. 3537–3541. doi: 10.1007/s00436-013-3536-7.

Li, L.-H. *et al.* (2007) ‘Molecular epidemiology of human *Blastocystis* in a village in Yunnan province, China.’, *Parasitology international*, 56(4), pp. 281–286. doi: 10.1016/j.parint.2007.06.001.

Liao, C. C. *et al.* (2023) ‘Lipid Accumulation in *Blastocystis* Increases Cell Damage in Co-Cultured Cells’, *Microorganisms*, 11(6), pp. 1–17. doi: 10.3390/microorganisms11061582.

Lim, M. X. *et al.* (2014) ‘Differential regulation of proinflammatory cytokine expression by mitogen-activated protein kinases in macrophages in response to intestinal parasite infection’, *Infection and Immunity*, 82(11), pp. 4789–4801. doi: 10.1128/IAI.02279-14.

Liu, P. *et al.* (2024) ‘Immunoregulatory role of the gut microbiota in inflammatory depression’, *Nature Communications*, 15(1), pp. 1–17. doi: 10.1038/s41467-024-47273-w.

Maleki, B. *et al.* (2022) ‘Subtype distribution of *Blastocystis* sp. isolated from humans in Iran: A systematic review and meta-Analysis’, *Gastroenterology and*

Hepatology from Bed to Bench, 15(4), pp. 294–310. doi: 10.22037/ghfbb.v15i4.2475.

McHardy, I. H. *et al.* (2014) ‘Detection of intestinal protozoa in the clinical laboratory’, *Journal of Clinical Microbiology*, 52(3), pp. 712–720. doi: 10.1128/JCM.02877-13.

Mitchell, S., Vargas, J. and Hoffmann, A. (2016) ‘Signaling via the NFκB system’, *Wiley Interdisciplinary Reviews: Systems Biology and Medicine*, 8(3), pp. 227–241. doi: 10.1002/wsbm.1331.

Mohamed, R. T. *et al.* (2017) ‘Subtyping of *Blastocystis* sp . isolated from symptomatic and asymptomatic individuals in Makkah , Saudi Arabia’, *Parasite and vectors*. *Parasites & Vectors*, 10, pp. 174–181. doi: 10.1186/s13071-017-2114-8.

Nieves-Ramírez, M. E. *et al.* (2018) ‘Asymptomatic Intestinal Colonization with Protist *Blastocystis* Is Strongly Associated with Distinct Microbiome Ecological Patterns.’, *mSystems*, 3(3), pp. 1–18. doi: 10.1128/mSystems.00007-18.

Nofita, E. (2013) *Identifikasi subtipe Blastocystis pada individu dengan diare dan tanpa diare menggunakan polymerase chain reaction (pcr) tesis*. Universitas Indonesia.

Nofita, E., Harminarti, N. and Rusjdi, S. R. (2015) ‘Identifikasi *Blastocystis* secara Mikroskopis dan PCR pada Sampel Feses di Laboratorium RSUP. Dr. M.Djamil Padang’, *Majalah Kedokteran Andalas*, 37(1), p. 26. doi: 10.22338/mka.v37.i1.p26-31.2014.

Parkar, U. *et al.* (2007) ‘Direct characterization of *Blastocystis* from faeces by PCR and evidence of zoonotic potential’, *Parasitology*, 134(03), p. 359. doi: 10.1017/S0031182006001582.

Pawłowska, B. and Sobieszcańska, B. M. (2017) ‘Intestinal epithelial barrier: The target for pathogenic *Escherichia coli*’, *Advances in Clinical and Experimental Medicine*, pp. 1437–1445. doi: 10.17219/acem/64883.

Pearce, S. C. *et al.* (2018) ‘Marked differences in tight junction composition and macromolecular permeability among different intestinal cell types’, *BMC Biology*. *BMC Biology*, 16(1), pp. 1–16. doi: 10.1186/s12915-018-0481-z.

Peña, S. *et al.* (2020) ‘Determination of subtypes of *Blastocystis* sp . in Chilean patients with and without inflammatory bowel syndrome , A preliminary report’, *Parasite Epidemiology and Control*. The Authors, 8, p. e00125. doi: 10.1016/j.parepi.2019.e00125.

Perea, M. *et al.* (2020) ‘Prevalence and subtype distribution of *Blastocystis* sp. infecting children from a rural community in Panama’, *Parasite Epidemiology and Control*. Elsevier Ltd, 9, p. e00139. doi: 10.1016/j.parepi.2020.e00139.

Peterson, L. W. and Artis, D. (2014) ‘Intestinal epithelial cells: Regulators of barrier

function and immune homeostasis', *Nature Reviews Immunology*. Nature Publishing Group, 14(3), pp. 141–153. doi: 10.1038/nri3608.

Poirier, P. *et al.* (2011) 'Development and evaluation of a real-time PCR assay for detection and quantification of *Blastocystis* parasites in human stool samples: Prospective study of patients with hematological malignancies', *Journal of Clinical Microbiology*, 49(3), pp. 975–983. doi: 10.1128/JCM.01392-10.

Poirier, P. *et al.* (2012) 'New insights into *Blastocystis* spp.: A potential link with irritable bowel syndrome', *PLoS Pathogens*, 8(3). doi: 10.1371/journal.ppat.1002545.

Puthia, M. K. *et al.* (2006) '*Blastocystis ratti* induces contact-independent apoptosis, F-actin rearrangement, and barrier function disruption in IEC-6 cells', *Infection and Immunity*, 74(7), pp. 4114–4123. doi: 10.1128/IAI.00328-06.

Qian Zhang, M. J. L. and D. B. (2017) '30 years of NF- κ B: a blossoming of relevance to human pathobiology', *Cell*, 168(12), pp. 37–57. doi: 10.1016/j.cell.2016.12.012.

Ragavan, N. *et al.* (2014) 'Phenotypic variation in *Blastocystis* sp. ST3', *Parasites & Vectors*, 7(1), p. 404. doi: 10.1186/1756-3305-7-404.

Rajamanikam, A. *et al.* (2019) 'Resistance towards metronidazole in *Blastocystis* sp. : A pathogenic consequence', *PLoS ONE*, 14(2), pp. 1–16.

Ramanan, D. and Cadwell, K. (2016) 'Intrinsic Defense Mechanisms of the Intestinal Epithelium', *Cell Host and Microbe*. Elsevier Inc., 19(4), pp. 434–441. doi: 10.1016/j.chom.2016.03.003.

Ramírez, J. D. *et al.* (2014) '*Blastocystis* subtypes detected in humans and animals from Colombia', *Infection, Genetics and Evolution*, 22, pp. 223–228. doi: 10.1016/j.meegid.2013.07.020.

Roberts, T. *et al.* (2014) 'Update on the pathogenic potential and treatment options for *Blastocystis* sp', *Gut Pathogens*, 6(1), p. 17. doi: 10.1186/1757-4749-6-17.

Rojas-Velázquez, L. *et al.* (2022) 'The regulatory function of *Blastocystis* spp. on the immune inflammatory response in the gut microbiome', *Frontiers in Cellular and Infection Microbiology*, 12(August), pp. 1–9. doi: 10.3389/fcimb.2022.967724.

Rossi, F. *et al.* (2024) *Protozoan Infections Acquired from Food or Drinking Water: An Update*. doi: 10.20944/preprints202403.1207.v1.

Rudzińska, M. and Sikorska, K. (2023) 'Epidemiology of *Blastocystis* Infection: A Review of Data from Poland in Relation to Other Reports', *Pathogens*, 12(8). doi: 10.3390/pathogens12081050.

Salinas, J. L. (2009) 'Current status of *Blastocystis* terminology', *Revista do Instituto de Medicina Tropical de Sao Paulo*, 51(2), pp. 117–118. doi: 10.1590/S0036-46652009000200012.

Salvo-Romero, E. *et al.* (2015) 'The intestinal barrier function and its involvement in digestive disease', *Revista Espanola de Enfermedades Digestivas*, 107(11), pp. 686–696. doi: 10.17235/reed.2015.3846/2015.

Sari, I. P. and Wahdini, S. (2024) 'Assessment of Intestinal Parasitic Infection and Personal Hygiene Practice Among School Children in A Primary School in A Village in Jakarta , Indonesia', *National Journal of Community Medicine*, 15(05), pp. 389–394. doi: 10.55489/njcm.150520243796.

Sari, L. M. (2018) 'Apoptosis: Mekanisme Molekuler Kematian Sel', *Cakradonya Dental Journal*, 10(2), pp. 65–70. doi: 10.24815/cdj.v10i2.11701.

Sarkari, B. *et al.* (2016) 'Prevalence and risk factors of intestinal protozoan infections: A population-based study in rural areas of Boyer-Ahmad district, Southwestern Iran', *BMC Infectious Diseases*. *BMC Infectious Diseases*, 16(1), pp. 1–5. doi: 10.1186/s12879-016-2047-4.

Scanlan, P. D. (2012) '*Blastocystis*: Past pitfalls and future perspectives', *Trends in Parasitology*. Elsevier Ltd, 28(8), pp. 327–334. doi: 10.1016/j.pt.2012.05.001.

Scanlan, P. D., Stensvold, C. R. and 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), pp. 4071–4076. doi: 10.1128/AEM.00520-15.

Sekar, U. and Shanthi, M. (2013) '*Blastocystis*: Consensus of treatment and controversies', *Tropical Parasitology*, 3(1), p. 35. doi: 10.4103/2229-5070.113901.

Skotarczak, B. (2018) 'Genetic diversity and pathogenicity of *Blastocystis*', *Annals of Agricultural and Environmental Medicine*, 25(3), pp. 411–416. doi: 10.26444/aaem/81315.

Stensvold, C. R. *et al.* (2007) 'Terminology for *Blastocystis* subtypes - a consensus', *Trends in Parasitology*, 23(3), pp. 93–96. doi: 10.1016/j.pt.2007.01.004.

Stensvold, C. R. *et al.* (2009) '*Blastocystis*: unravelling potential risk factors and clinical significance of a common but neglected parasite', *Epidemiology and Infection*, 137(11), p. 1655. doi: 10.1017/S0950268809002672.

Stensvold, C. Rune *et al.* (2009) 'Pursuing the clinical significance of *Blastocystis* - diagnostic limitations', *Trends in Parasitology*, 25(1), pp. 23–29. doi: 10.1016/j.pt.2008.09.010.

Stensvold, C. R. (2013a) '*Blastocystis*: Genetic diversity and molecular methods for diagnosis and epidemiology.', *Tropical parasitology*, 3(1), pp. 26–34. doi: 10.4103/2229-5070.113896.

Stensvold, C. R. (2013b) 'Comparison of sequencing (Barcode Region) and sequence-tagged-site PCR for *Blastocystis* subtyping', *Journal of Clinical Microbiology*, 51(1), pp. 190–194. doi: 10.1128/JCM.02541-12.

Stensvold, C. R., Alfellani, M. and Clark, C. G. (2012) 'Levels of genetic diversity vary dramatically between *Blastocystis* subtypes', *Infection, Genetics and Evolution*. Elsevier B.V., 12(2), pp. 263–273. doi: 10.1016/j.meegid.2011.11.002.

Stensvold, C. R. and Clark, C. G. (2016a) 'Current status of *Blastocystis*: A personal view', *Parasitology International*. Elsevier Ireland Ltd., 65(6), pp. 763–771. doi: 10.1016/j.parint.2016.05.015.

Stensvold, C. R. and Clark, C. G. (2016b) 'Molecular Identification and Subtype Analysis of *Blastocystis*', *Current protocols in microbiology*, 43(November), pp. 20A.2.1–20A.2.10. doi: 10.1002/cpmc.17.

Stensvold, C. R. and Clark, C. G. (2020) 'Pre-empting Pandora's Box: *Blastocystis* Subtypes Revisited', *Trends in Parasitology*. Elsevier Ltd, 36(3), pp. 229–232. doi: 10.1016/j.pt.2019.12.009.

Stensvold, C. R., Tan, K. S. W. and Clark, C. G. (2020) '*Blastocystis*', *Trends in Parasitology*, 36(3), pp. 315–316. doi: 10.1016/j.pt.2019.12.008.

Sulżyc-Bielicka, V. *et al.* (2021) 'Colorectal cancer and *Blastocystis* sp. infection', *Parasites and Vectors*. BioMed Central, 14(1), pp. 1–9. doi: 10.1186/s13071-021-04681-x.

Syahriandra *et al.* (2022) 'The Effect of Giving Fermented Milk Starter *Lactococcus lactis* D4 Dadih on Obstructive Jaundice: An In Vivo Study', *Bioscientia Medicina : Journal of Biomedicine and Translational Research*, 6(15), pp. 2761–2766. doi: 10.37275/bsm.v6i15.691.

Taherkhani, K. *et al.* (2019) 'Prevalence of intestinal parasites among rural residents of takestan in north-west of Iran', *Iranian Journal of Parasitology*, 14(4), pp. 657–663. doi: 10.18502/ijpa.v14i4.2118.

Tan, K. S. W. (2004) '*Blastocystis* in humans and animals: New insights using modern methodologies', *Veterinary Parasitology*, 126(1-2 SPEC.ISS.), pp. 121–144. doi: 10.1016/j.vetpar.2004.09.017.

Tan, K. S. W. (2008) 'New Insights on Classification, Identification, and Clinical Relevance of *Blastocystis* spp.', *Clinical Microbiology Reviews*, 21(4), pp. 639–665. doi: 10.1128/CMR.00022-08.

Tan, T. C. and Suresh, K. G. (2006) 'Predominance of amoeboid forms of *Blastocystis* hominis in isolates from symptomatic patients', *Parasitology Research*, 98(3), pp. 189–193. doi: 10.1080/01421590500312847.

Teo, J. D. W., Macary, P. A. and Tan, K. S. W. (2014) 'Pleiotropic Effects of *Blastocystis* spp . Subtypes 4 and 7 on Ligand-Specific Toll-Like Receptor Signaling and NF- k B Activation in a Human Monocyte Cell Line', *PLoS ONE*, 9(2), pp. 1–8. doi: 10.1371/journal.pone.0089036.

Udonsom, R. *et al.* (2018) 'Infection , Genetics and Evolution *Blastocystis* infection and subtype distribution in humans , cattle , goats , and pigs in central and western

Thailand', *Infection, Genetics and Evolution*. Elsevier, 65(April), pp. 107–111. doi: 10.1016/j.meegid.2018.07.007.

Vassalos, C. M. *et al.* (2010) 'Differences in clinical significance and morphologic features of *Blastocystis* sp subtype 3', *American Journal of Clinical Pathology*, 133(2), pp. 251–258. doi: 10.1309/AJCPDOWQSL6E8DMN.

Villamizar, X. *et al.* (2019) 'Molecular and descriptive epidemiology of intestinal protozoan parasites of children and their pets in Cauca, Colombia: A cross-sectional study', *BMC Infectious Diseases*. BMC Infectious Diseases, 19(1), pp. 1–11. doi: 10.1186/s12879-019-3810-0.

Wawrzyniak, I. *et al.* (2013) '*Blastocystis*, an unrecognized parasite: an overview of pathogenesis and diagnosis', *Therapeutic Advances in Infectious Disease*, 1(5), pp. 167–178. doi: 10.1177/2049936113504754.

Wijaya, Y. (2023) *GAMBARAN HISTOLOGI ORGAN USUS TIKUS RATTUS NOVERGICUS WISTAR DIINDUKSI DIABETES*, Universitas Perintis Indonesia. Available at: <https://doi.org/10.1016/j.tranpol.2019.01.002> <https://doi.org/10.1016/j.cstp.2023.100950> <https://doi.org/10.1016/j.geoforum.2021.04.007> <https://doi.org/10.1016/j.trd.2021.102816> <https://doi.org/10.1016/j.tra.2020.03.015> <https://doi.org/10.1016/j.eastsj.20>.

Wu, Z. *et al.* (2014) 'Strain-dependent induction of human enterocyte apoptosis by *Blastocystis* disrupts epithelial barrier and ZO-1 organization in a caspase 3- and 9-dependent manner', *BioMed Research International*, 2014. doi: 10.1155/2014/209163.

Yan, Y. *et al.* (2007) '*Blastocystis* sp. subtype 5: A possibly zoonotic genotype', *Parasitology Research*, 101(6), pp. 1527–1532. doi: 10.1007/s00436-007-0672-y.

Yason, J. A. *et al.* (2019) 'Interactions between a pathogenic *Blastocystis* subtype and gut microbiota: In vitro and in vivo studies', *Microbiome*. Microbiome, 7(1), pp. 1–13. doi: 10.1186/s40168-019-0644-3.

Yason, J. A., Ajjampur, S. S. R. and Tan, K. S. W. (2016) '*Blastocystis* isolate B exhibits multiple modes of resistance against antimicrobial peptide LL-37', *Infection and Immunity*, 84(8), pp. 2220–2232. doi: 10.1128/IAI.00339-16.

Yoshikawa, H., Koyama, Y., *et al.* (2016) '*Blastocystis* phylogeny among various isolates from humans to insects', *Parasitology International*. Elsevier B.V., pp. 750–759. doi: 10.1016/j.parint.2016.04.004.

Yoshikawa, H., Tokoro, M., *et al.* (2016) 'Molecular survey of *Blastocystis* sp. from humans and associated animals in an Indonesian community with poor hygiene', *Parasitology International*. Elsevier B.V., 65(6), pp. 780–784. doi: 10.1016/j.parint.2016.03.010.

Yoshikawa, H. and Iwamasa, A. (2016) 'Human *Blastocystis* subtyping with subtype-specific primers developed from unique sequences of the SSU rRNA

gene', *Parasitology International*. Elsevier B.V., 65(6), pp. 785–791. doi: 10.1016/j.parint.2016.03.002.

Zhang, X. *et al.* (2007) 'Morphology and reproductive mode of *Blastocystis hominis* in diarrhea and in vitro', *Parasitology Research*, 101(1), pp. 43–51. doi: 10.1007/s00436-006-0439-x.

Zuo, L., Kuo, W. T. and Turner, J. R. (2020) 'Tight Junctions as Targets and Effectors of Mucosal Immune Homeostasis', *Cmgh*. Elsevier Inc, 10(2), pp. 327–340. doi: 10.1016/j.jcmgh.2020.04.001.

