

## DAFTAR PUSTAKA

- Ashurst, John V., Truong, Justina., Woodbury, Blair. *Salmonella thypi*. Januari 2021 (Diakses 16 November 2021). Diakses dari [Salmonella Typhi - StatPearls - NCBI Bookshelf \(nih.gov\)](https://pubmed.ncbi.nlm.nih.gov/34811111/).
- Eng, Shu-Kee., Pusparajah, Priyia., Syakima Ab-Mutalib, Nurul., Ser, Hooi-Leng., Chan, Kok-Gan., Learn-Han, Lee. *Salmonella : A Review on Pathogenesis, Epidemiology and Antibiotic Resistance*. Taylor & Francis. 2015.8(3):284-293.
- Candani, D., Ulfah, M., Noviana, W., & Zainul, R. (2018). A Review Pemanfaatan Teknologi Sonikasi. *INA-Rxiv*, 26, 1–9.
- Guan, H. H., Yoshimura, M., Chuankhayon, P., Lin, C. C., Chen, N. C., Yang, M. C., Ismail, A., Fun, H. K., & Chen, C. J. (2015). Crystal structure of an antigenic outer-membrane protein from *Salmonella Typhi* suggests a potential antigenic loop and an efflux mechanism. *Scientific Reports*, 5(October), 1–12. <https://doi.org/10.1038/srep16441>
- Hamzah, A., Muthiadin, C., & Mashuri, M. (2014). Identifikasi protein dari crude antigen outer membrane protein (omp) salmonella enterica serovar typhi asal suspek demam tifoid makassar. *Jurnal Biotek Fakultas Sains Dan Teknologi*, 26–32.
- Hassan, B. A. R., Yusoff, Z. B. M., Othman, M. A. H., Bin, S., information is available at the end of the Chapter, A., & [Http://dx.doi.org/10.5772/55358](http://dx.doi.org/10.5772/55358). (2021). Virulence Factors of *Salmonella Typhi*. *Intech Open*, 13. <http://dx.doi.org/10.1039/C7RA00172J%0Ahttps://www.intechopen.com/books/advanced-biometric-technologies/liveness-detection-in-biometrics%0Ahttp://dx.doi.org/10.1016/j.colsurfa.2011.12.014>
- Kasim, V. N. A. (2020). *Peran Imunitas Pada Infeksi Salmonella Typhi*. Artha Samudra.
- Kemendes RI. (2006). Pedoman Pengendalian Demam Tifoid. In *Keputusan Menteri Kesehatan Republik Indonesia Nomor 364* (p. 41).
- Koley, D., & Bard, A. J. (2010). Triton X-100 concentration effects on membrane permeability of a single HeLa cell by scanning electrochemical microscopy (SECM). *Proceedings of the National Academy of Sciences of the United States of America*, 107(39), 16783–16787. <https://doi.org/10.1073/pnas.1011614107>
- Lee, J. S., Jung, I. D., Lee, C. M., Park, J. W., Chun, S. H., Jeong, S. K., Ha, T. K., Shin, Y. K., Kim, D. J., & Park, Y. M. (2010). Outer membrane protein a of *Salmonella enterica* serovar Typhimurium activates dendritic cells and enhances

- Th1 polarization. *BMC Microbiology*, *10*. <https://doi.org/10.1186/1471-2180-10-263>
- Liu, Q., Liu, Q., Zhao, X., Liu, T., Yi, J., Liang, K., & Kong, Q. (2016). Immunogenicity and cross-protective efficacy induced by outer membrane proteins from salmonella typhimurium mutants with truncated LPS in mice. *International Journal of Molecular Sciences*, *17*(3), 1–16. <https://doi.org/10.3390/ijms17030416>
- Mangarengi, Y. (2019). Identifikasi dan Isolasi Bakteri Penyebab Penderita Dengan Gejala Suspek Demam Typhoid Di Rumah Sakit Ibnu Sina Makassar Tahun 2016. *UMI Medical Journal*, *1*(1), 51–65. <https://doi.org/10.33096/umj.v1i1.7>
- Martin, N. C., Pirie, A. A., Ford, L. V., Callaghan, C. L., McTurk, K., Lucy, D., & Scrimger, D. G. (2006). The use of phosphate buffered saline for the recovery of cells and spermatozoa from swabs. *Science and Justice - Journal of the Forensic Science Society*, *46*(3), 179–184. [https://doi.org/10.1016/S1355-0306\(06\)71591-X](https://doi.org/10.1016/S1355-0306(06)71591-X)
- Mawazo, A., Bwire, G. M., & Matee, M. I. N. (2019). Performance of Widal test and stool culture in the diagnosis of typhoid fever among suspected patients in Dar es Salaam, Tanzania. *BMC Research Notes*, *12*(1), 1–5. <https://doi.org/10.1186/s13104-019-4340-y>
- Moreno-Eutimio, M. A., Tenorio-Calvo, A., Pastelin-Palacios, R., Perez-Shibayama, C., Gil-Cruz, C., López-Santiago, R., Baeza, I., Fernández-Mora, M., Bonifaz, L., Isibasi, A., Calva, E., & López-Macías, C. (2013). Salmonella Typhi OmpS1 and OmpS2 porins are potent protective immunogens with adjuvant properties. *Immunology*, *139*(4), 459–471. <https://doi.org/10.1111/imm.12093>
- Most, T. (2014). *Salmonella virulence factors and their role in intracellular parasitism*.
- Murwani, S., Santosaningsih, D., & Ramadhona, A. (2002). *Pola Protein dari Outer Membrane Protein yang Diisolasi Menggunakan N-Ocylt Glucoside dan Menggunakan Sarcosyl Pada Salmonella thypi* (pp. 89–96). Magister Kedokteran Universitas Brawijaya.
- Noda, Angel A., Fleitas, Osmel., Rodriguez, Islay., Beltran, Jorge F., Falcon, Rosabel., Almaguer, Tatiana., S. (2017). Triton X-100 Vs. Triton X-114: Isolation of Outer Membrane Proteins from Leptospira Spp. *Int J Vet Sci Technol*, *1*(1), 1–5. [www.scireslit.com](http://www.scireslit.com)
- Nugraha, J. (2007). Antigen OMP (Outer Membrane Protein) Salmonella thypi Faga Lokal Yang Imunodominan dan Spesifik Terhadap Antibodi Penderita Demam Tifoid. *Jurnal Indonesia*, *13*(3), 109–113.
- Pérez-Toledo, M., Valero-Pacheco, N., Pastelin-Palacios, R., Gil-Cruz, C., Perez-

- Shibayama, C., Moreno-Eutimio, M. A., Becker, I., Pérez-Tapia, S. M., Arriaga-Pizano, L., Cunningham, A. F., Isibasi, A., Bonifaz, L. C., & López-Macías, C. (2017). Salmonella typhi porins OmpC and OmpF are potent adjuvants for T-dependent and T-independent antigens. *Frontiers in Immunology*, 8(MAR), 1–10. <https://doi.org/10.3389/fimmu.2017.00230>
- Retnosari, S., & Tumbelaka, A. R. (2016). Pendekatan Diagnostik Serologik dan Pelacak Antigen Salmonella typhi. *Sari Pediatri*, 2(2), 90. <https://doi.org/10.14238/sp2.2.2000.90-5>
- Saxena, M. (2017). Immunogenic Outer membrane Proteins (Omps) of Salmonella: Potential Candidate for sub-unit vaccine. *Virology & Immunology Journal*, 1(2). <https://doi.org/10.23880/vij-16000109>
- Sienkiewicz, J. J., Wesołowski, A., Stankiewicz, W., & Kotowski, R. (2017). The influence of ultrasonic treatment on the growth of the strains of Salmonella enterica subs. typhimurium. *Journal of Food Science and Technology*, 54(8), 2214–2223. <https://doi.org/10.1007/s13197-017-2648-y>
- Singh, R., Shasany, A. K., Aggarwal, A., Sinha, S., Sisodia, B. S., Khanuja, S. P. S., & Misra, R. (2007). Low molecular weight proteins of outer membrane of Salmonella typhimurium are immunogenic in Salmonella induced reactive arthritis revealed by proteomics. *Clinical and Experimental Immunology*, 148(3), 486–493. <https://doi.org/10.1111/j.1365-2249.2007.03362.x>
- Thanu, D. P. R., Zhao, M., Han, Z., & Keswani, M. (2018). Fundamentals and applications of sonic technology. In *Developments in Surface Contamination and Cleaning: Applications of Cleaning Techniques Volume 11* (Vol. 11). Elsevier Inc. <https://doi.org/10.1016/B978-0-12-815577-6.00001-3>
- Verdugo-Rodriguez, A., Gam, L. H., Devi, S., Koh, C. L., Puthuchear, S. D., Calva, E., & Pang, T. (1993). Detection of antibodies against Salmonella typhi outer membrane protein (OMP) preparation in typhoid fever patients. *Asian Pacific Journal of Allergy and Immunology*, 11(1), 45–52.