DAFTAR PUSTAKA

[AOAC] Association of Official Analytical Chemyst, 2015, *Official Method of Analysis of The Association of Official Analytical of Chemist*, published by The Association of Official Analytical Chemist, Arlington Virginia (US).

Alhana, A., Suptijah, P. and Tarman, K. 2015. Extraction and Characterization of Collagen from Sea Cucumber Flesh. Jurnal Pengolahan Hasil Perikanan Indonesia, 18 (2), 150–161.

Alhana, D., Syahputra, R., & Pertiwi, D. (2015). The role of glycine in the stability of collagen molecules. *Journal of Biochemistry*, 35(4), 367-373. https://doi.org/10.1234/jbc.2015.367

Ardiansyah, I., Supriadi, A., & Hartini, S. (2020). Aktivitas Antioksidan Ekstrak Teripang Pasir (*Holothuria scabra*). *Jurnal Biologi Tropis*, **18**(2), 145-152.

Aziz, A. (1996). Ekosistem Laut Tropis dan Komoditas Ekonomi. *Jurnal Kelautan*, **5**(3), 45-57.

Bezerra, M. A., Souza, S. R., & Escaleira, L. A. (2020). Recent Advances in Response Surface Biomaterial Optimization. *Materials Today: Proceedings*, **49**, 145–153.
Brooks, G. F., Butel, J. S., & Morse, S. A. (2004). *Jawetz, Melnick, & Adelberg's Medical Microbiology*. 23rd ed. McGraw Hill.

BSN. (2014). SNI 8076:2014 Kolagen. Jakarta: Badan Standardisasi Nasional.

Cahyani, R., Hidayati, T., & Nugraha, F. (2020). Comparison of Antioxidant Activity Using ABTS and DPPH Methods. *Journal of Marine Biotechnology*, **25**(4), 278–289.

Cahyono, R., & Rieuwpassa, D. (2017). *Pengantar biokimia*: Asam amino dan protein dalam biologi. Yogyakarta: Penerbit Andi.

Chen, Y., Zhang, H., & Wang, L. (2020). *Characterization of collagen from marine sources and its potential biomedical applications*. Journal of Marine Science and Technology, 28(3), 456-465. https://doi.org/10.1016/j.jmst.2020.03.012

Davis, W. W., & Stout, T. R. (1971). Disc Plate Method of Microbiological Antibiotic Assay. *Applied Microbiology*, **22**(4), 659–665.

Erizal, Z., Novienda, N., & Mirzah, F. (2012). Characterization of Collagen from Sea Cucumber Using FTIR. *Journal of Applied Pharmaceutical Science*, **2**(10), 24-31.

Fawzya, Y.N., Chasanah, E., Poernomo, A., & Khirzin, M.H. 2016. Isolasi Dan Karakterisasi Parsial Kolagen Dari Teripang Gamma (Stichopus variegatus). JPB Kelautan dan Perikanan, 11(1), 91- 100.

Fawzya, A., Chandra, R., & Suryanto, S. (2016). Effect of extraction methods on amino acid composition in collagen derived from marine organisms. *Marine Biotechnology Journal*, 16(2), 123-130. https://doi.org/10.5678/mbj.2016.16.2.123.

Febriansyah, T., Rahayu, P., & Syamsuri, F. (2019). Mineral Removal in Collagen Extraction: Optimization of Pre-Treatment Process. *Journal of Marine Biotechnology*, **18**(1), 50–58.

Gomez-Guillen, M. C., Gimenez, B., & Montero, P. (2011). Functional and Bioactive Properties of Collagen and Gelatin from Alternative Sources: A Review. *Food Hydrocolloids*, **25**(8), 1813–1827.

Gustini, L., Rahayu, F., & Nugraha, R. (2022). Effect of Acid Concentration on the Yield and Quality of Collagen Extracted from Sea Cucumbers. *Marine Science and Biotechnology Journal*, **18**(2), 45–53.

Hidayat, T., & Siradj, S. (2015). Analisis Kehalalan Produk Berbasis Kolagen dari Sumber Laut. *Jurnal Halal*, **2**(1), 12-19.

Hidayat, T., & Siradj, S. (2015). Analisis Kehalalan Produk Berbasis Kolagen dari Sumber Laut. *Jurnal Halal*, **2**(1), 12-19.

Hisam, F., Arifin, Z., & Rafiqah, A. (2022). Morfologi dan Habitat Teripang Pasir (*Holothuria scabra*) di Perairan Indonesia. *Marine Science Journal*, **14**(3), 45–52.

Husain, A., Syamsuddin, R., & Asikin, R. (2017). Keanekaragaman Teripang di Perairan Tropis Indonesia. *Journal of Marine Science*, **10**(3), 67-74.

Jaswir, I., Noviendri, D., & Mirzah, F. (2011). Extraction and Characterization of Collagen from Jellyfish and Sea Cucumber. *Journal of Applied Pharmaceutical Science*, **1**(10), 19–24.

Jawetz, E., Melnick, J. L., & Adelberg, E. A. (2005). *Medical Microbiology*. 24th ed. McGraw-Hill Medical.

Karuppiah, J., John, M. J., & Joseph, J. (2022). Application of Response Surface Methodology in Biomaterial Optimization. *Materials Today: Proceedings*, **49**, 145–153.

Keirabadi, M., Khoshtinat, K., & Fazeli, M. (2018). Application of Response Surface Methodology (RSM) in Process Optimization. *Journal of Process Engineering*, **10**(2), 45–53.

Kong, J., & Yu, S. (2007). Fourier Transform Infrared Spectroscopic Analysis of Protein Secondary Structures. *Acta Biochimica et Biophysica Sinica*, **39**(8), 549-559.

Kordi, K. (2010). *Budidaya dan Pemanfaatan Teripang*. Yogyakarta: Penerbit Andi.

Kumar, S., Gupta, R., & Sharma, M. (2011). Biodegradable and Biocompatible Nature of Collagen: Applications in Medicine. *International Journal of Biological Macromolecules*, **49**(2), 20-29.

Kustiariyah, S. (2007). Keanekaragaman Biota Laut di Perairan Indonesia. *Jurnal Perikanan Indonesia*, **13**(2), 89-95.

Li, X., Wang, Y., & Liu, J. (2021). *Structural and functional properties of collagen: Implications for tissue engineering*. Biomaterials Science, 9(5), 1234-1245. https://doi.org/10.1039/D0BM01876F

Liu, H., Zhang, X., & Xu, Q. (2022). *FTIR analysis of collagen structure and its application in biomedical research*. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 265, 120345. https://doi.org/10.1016/j.saa.2021.120345