

DAFTAR PUSTAKA

- [1] O. A. Ojo, H. S. Ibrahim, D. E. Rotimi, A. D. Ogunlakin, and A. B. Ojo, "Diabetes mellitus: From molecular mechanism to pathophysiology and pharmacology," *Medicine in Novel Technology and Devices*, vol. 19, p. 100247, 2023. [Online]. Available: <https://doi.org/10.1016/j.medntd.2023.100247>
- [2] I. D. Federation, "Home — International Diabetes Federation," 12 2025, accessed: Dec. 20, 2025. [Online]. Available: <https://idf.org/>
- [3] D. Atlas, "IDF Diabetes Atlas — Global Diabetes Data Statistics," 6 2025, accessed: Dec. 20, 2025. [Online]. Available: <https://diabetesatlas.org/>
- [4] Q. Ge, L. Chen, M. Tang, S. Zhang, L. Liu, L. Gao, S. Ma, M. Kong, Q. Yao, F. Feng, and K. Chen, "Analysis of mulberry leaf components in the treatment of diabetes using network pharmacology," *European Journal of Pharmacology*, vol. 833, pp. 50–62, 2018. [Online]. Available: <https://doi.org/10.1016/j.ejphar.2018.05.021>
- [5] A. Priyadarshini, D. Mohanty, S. Mohanty, R. G. Kerry, A. Sahoo, B. Dash, P. C. Panda, S. Nayak, A. Ray, and S. Jena, "Unveiling the anticancer potential of Curcuma amada rhizome extract against prostate cancer through computational and experimental approaches," *Scientific Reports*, vol. 15, no. 1, p. 24739, 7 2025. [Online]. Available: <https://doi.org/10.1038/s41598-025-10761-0>
- [6] O. O. Elekofehinti, F. A. Taiwo, M. O. Akinjiyan, I. R. Adetoyi, F. O. Ayodeji, A. O. Oluwatuyi, O. N. Akintoye, I. O. Kehinde, B. E. Adedapo, and O. Iwaloye, "The potential of Curcuma longa L. bioactive compounds as RSK inhibitors for the treatment of prostate cancer: in silico study," *African Journal of Urology*, vol. 31, no. 1, 1 2025. [Online]. Available: <https://doi.org/10.1186/s12301-024-00469-4>
- [7] S. F. Tsaabitah, "Potensi bawang merah (allium cepa l. var. aggregatum) sebagai imunomodulator dan agen antikanker: A literature review," *VitaMedica : Jurnal Rumpun Kesehatan Umum*, vol. 3, no. 3, p. 314–326, Aug. 2025. [Online]. Available: <https://doi.org/10.62027/vitamedica.v3i3.456>
- [8] Y. Zhai, L. Liu, F. Zhang, X. Chen, H. Wang, J. Zhou, K. Chai, J. Liu, H. Lei, P. Lu, M. Guo, J. Guo, and J. Wu, "Network pharmacology: a crucial approach in traditional Chinese medicine research," *Chinese Medicine*, vol. 20, no. 1, p. 8, 1 2025. [Online]. Available: <https://doi.org/10.1186/s13020-024-01056-z>
- [9] "Home - OMIM - (OMIM.ORG)," accessed: Oct. 5, 2025. [Online]. Available: <https://www.omim.org/>

- [10] “GeneCards,” accessed: Nov. 27, 2025. [Online]. Available: <https://www.genecards.org/>
- [11] “UniProt,” accessed: Nov. 27, 2025. [Online]. Available: <https://www.uniprot.org/>
- [12] “MalaCards,” accessed: Nov. 27, 2025. [Online]. Available: <https://www.malacards.org/>
- [13] A. B. Pulungan, D. Annisa, and S. Imada, “Diabetes Melitus Tipe-1 pada Anak: Situasi di Indonesia dan Tata Laksana,” *Sari Pediatri*, vol. 20, no. 6, p. 392, 5 2019. [Online]. Available: <https://doi.org/10.14238/sp20.6.2019.392-400>
- [14] I. P. Bogor, “Ijah Analytics — Indonesia Jamu Herbs,” 2025, accessed: Oct. 1, 2025. [Online]. Available: <https://ijah.apps.cs.ipb.ac.id/#/home>
- [15] “KNAPSACK Core System,” accessed: Oct. 1, 2025. [Online]. Available: https://www.knapsackfamily.com/knapsack_core/top.php
- [16] A. Daina, O. Michielin, and V. Zoete, “SwissADME: a free web tool to evaluate pharmacokinetics, drug-likeness and medicinal chemistry friendliness of small molecules,” *Scientific Reports*, vol. 7, no. 1, p. 42717, 3 2017. [Online]. Available: <https://doi.org/10.1038/srep42717>
- [17] “SwissADMe,” accessed: Nov. 10, 2025. [Online]. Available: <https://www.swissadme.ch/>
- [18] “Molsoft L.L.C.: Drug-Likeness and molecular property prediction.” accessed: Nov. 10, 2025. [Online]. Available: <https://molsoft.com/mprop/>
- [19] “Swiss Target Prediction,” <http://www.swisstargetprediction.ch/>.
- [20] A. Daina, O. Michielin, and V. Zoete, “Swisstargetprediction: updated data and new features for efficient prediction of protein targets of small molecules,” *Nucleic Acids Research*, vol. 47, no. W1, pp. W357–W364, 05 2019. [Online]. Available: <https://doi.org/10.1093/nar/gkz382>
- [21] R. P. D. Bank, “RCSB PDB: Homepage,” accessed: Dec. 5, 2025. [Online]. Available: <https://www.rcsb.org/>
- [22] STRING, “STRING: functional protein association networks,” 7 2023, accessed: Dec. 20, 2025. [Online]. Available: <https://string-db.org/>
- [23] J. C. O. Collazos, “Venny 2.1.0,” accessed: Nov. 15, 2025. [Online]. Available: <https://bioinfogp.cnb.csic.es/tools/venny/>
- [24] T. W. Valente, K. Coronges, C. Lakon, and E. Costenbader, “How correlated are network centrality measures?” 1 2008. [Online]. Available: <https://pmc.ncbi.nlm.nih.gov/articles/PMC2875682/>

- [25] S. Gómez, “Centrality in Networks: Finding the Most Important Nodes,” *Springer*, pp. 401–433, 1 2019. [Online]. Available: https://doi.org/10.1007/978-3-030-06222-4_8
- [26] “Install Auto Dock Tools,” accessed: Oct. 1, 2025. [Online]. Available: <https://autodock.scripps.edu/download-autodock4/>
- [27] “Install Open Babel — Open Babel openbabel-3-1-1 documentation,” accessed: Oct. 1, 2025. [Online]. Available: <https://openbabel.org/docs/Installation/install.html>
- [28] “Install Auto Dock Vina,” <https://vina.scripps.edu/>.
- [29] “PyMOL — pymol.org,” accessed: Oct. 1, 2025. [Online]. Available: <https://www.pymol.org/>
- [30] E. W. Team, “LigPlot+ home page,” accessed: Oct. 1, 2025. [Online]. Available: <https://www.ebi.ac.uk/thornton-srv/software/LigPlus/>
- [31] R. Fatriani, F. A. K. Pratiwi, A. Annisa, D. A. Septaningsih, S. A. Aziz, I. Miladiyah, S. A. Kusumastuti, M. A. F. Nasution, D. Ramadhan, and W. A. Kusuma, “Unveiling the anti-obesity potential of Kemuning (*Murraya paniculata*): A network pharmacology approach,” *PLoS ONE*, vol. 19, no. 8, p. e0305544, 8 2024. [Online]. Available: <https://doi.org/10.1371/journal.pone.0305544>
- [32] L. A. Setiani, F. C. Saputri, A. Yanuar, and A. Mun’im, “Network Pharmacology and Molecular mechanism of traditional Indonesian medicine in hypertension treatment,” *INDONESIAN JOURNAL OF PHARMACY*, 12 2024. [Online]. Available: <https://doi.org/10.22146/ijp.9415>

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