

DAFTAR PUSTAKA

- Aida F., Utomo, D., Alfiatun H., R. Anggia, & Widodo N. (2018). *Cara Mudah Melakukan Docking Dengan PyRx (Autodock Vina)*.
- Astiani, R., Mohamad, S., EFF, A. R., Firdayani, & Suyatna, F. (2022). in silico identification testing of triterpene saponines on centella asiatica on inhibitor renin activity antihypertensive. *International Journal of Applied Pharmaceutics*.
- Dewi, N. P. U. S., Ekajaya Amandari, I. G. A. A., Krisnayanti, M. W., & Sarasmita, M. A. (2020). Aliskiren: Direct Renin Inhibitor Baru pada Terapi Hipertensi. *Jurnal Farmasi Udayana*, 59.
- Ferreira, L. G., dos Santos, R. N., Oliva, G., & Andricopulo, A. D. (2015). Molecular docking and structure-based drug design strategies. *Molecules*, 20(7).
- Gunalan, S., Somarathinam, K., Bhattacharya, J., Srinivasan, S., Jaimohan, S. M., Manoharan, R., Ramachandran, S., Kanagaraj, S., & Kothandan, G. (2020). Understanding the dual mechanism of bioactive peptides targeting the enzymes involved in Renin Angiotensin System (RAS): An in-silico approach. *Journal of Biomolecular Structure and Dynamics*, 38(17), 5044–5061.
- Hall, J., & Guyton, A. (2011). Guyton and Hall Textbook of Medical Physiology. In *Buku Ajar Fisiologi Kedokteran* (12th ed., pp. 219–222).
- Hardjono, S. (2013). sintesis dan uji aktivitas antikanker senyawa 1-(2-klorobenzoiloksi) urea dan 1-(4-klorobenzoiloksi)urea. In *Berkala Ilmiah Kimia Farmasi* (Vol. 2, Issue 1).
- Harwoko, Pramono, S., & Nugroho, A. E. (2014). Triterpenoid-rich fraction of Centella asiatica leaves and in vivo antihypertensive activity. In *International Food Research Journal* (Vol. 21, Issue 1).
- Holidah, D. (n.d.). review aliskiren, obat antihipertensi baru dengan mekanisme penghambat renin. In *J. Trop. Pharm. Chem. 2011* (Vol. 1, Issue 3).
- Imaeda, Y., Tawada, M., Suzuki, S., Tomimoto, M., Kondo, M., Tarui, N., Sanada, T., Kanagawa, R., Snell, G., Behnke, C. A., Kubo, K., & Kuroita, T. (2016). Structure-based design of a new series of N-(piperidin-3-yl) pyrimidine-5-carboxamides as renin inhibitors. *Bioorganic and Medicinal Chemistry*, 24(22).
- Laurent, S. (2017). *Antihypertensive drugs. Pharmacological Research*, 116–125.
- Nguyen, G., Delarue, F., Burckle celine, Latifa Bouzhir, Giller, T., & Sraer, D. (2022). Pivotal role of the renin/prorenin receptor in angiotensin II production and cellular responses to renin. *The Journal of Clinical Investigation*, 109.

- Pacurari, M., Kafoury, R., Tchounwou, P. B., & Ndebele, K. (2014). The renin-angiotensin-aldosterone system in vascular inflammation and remodeling. In *International Journal of Inflammation* (Vol. 2014). Hindawi Publishing Corporation.
- Pantzaris, N. D., Karanikolas, E., Tsitsios, K., & Velissaris, D. (2017). Renin inhibition with aliskiren: A decade of clinical experience. In *Journal of Clinical Medicine* (Vol. 6, Issue 6). MDPI.
- Rahuel, J., Rasetti, V., Maibaum, J., Rüeger, H., Göschke, R., Cohen, N.-C., Stutz, S., Cumin, F., Fuhrer, W., Wood, J. M., & Grütter, M. G. (2000). *Structure-based drug design: the discovery of novel nonpeptide orally active inhibitors of human renin*.
- Santoso, B. (2011). docking analog turunan piperazindion dengan tubulin (1tub) rantai β menggunakan vina dan autodock. *pharmacon*, 12(1), 14–28.
- Sari, I. W., Junaidin, J., & Pratiwi, D. (2020). studi molecular docking senyawa flavonoid herba kumis kucing (*orthosiphon stamineus* b.) pada reseptor α -glukosidase sebagai antidiabetes tipe 2. *Jurnal Farmagazine*, 7(2), 54. <https://doi.org/10.47653/farm.v7i2.194>
- Sholihah Diva, Wahyuningsih Doti, & Dewi Ariani. (2015). Potensi Antihipertensi Dekokta Pegagan (*Centella asiatica*) Dengan Penghambat Reseptor Angiotensin II Tipe 1 (Studi in silico). *Jurnal Kedokteran Komunitas*, 3(1).
- Sun, X., Wen, X., Chen, Y. Y., Shi, C., Gao, C., Wu, Y., Wang, L. J., Yang, X. H., & Sun, H. (2015). Discovery of highly potent renin inhibitors potentially interacting with the S3' subsite of renin. *European Journal of Medicinal Chemistry*, 103, 269–288.
- Syarif, A., Gayatri, A., Estuningtyas, A., Setiawati, A., Muchtar, A., Arif, A., Rosdiana, D., Suyatna, F., Dewoto, H., Utama, H., Instiaty, Louisa, M., Wiria, M., Nafrialdi, Wilmana, P., Ascorbat, P., Setiabudy, R., Suherman, S., Gunawan, S., ... Sadikin, Z. (2016). *Farmakologi dan Terapi* (S. Gunawan, R. Setiabudy, Nafrialdi, & Instiaty, Eds.; VI). Departemen Farmakologi dan Terapeutik, Fakultas Kedokteran, Universitas Indonesia.
- Torres, P. H. M., Sodero, A. C. R., Jofily, P., & Silva-Jr, F. P. (2019). Key topics in molecular docking for drug design. In *International Journal of Molecular Sciences* (Vol. 20, Issue 18). MDPI AG.
- Trott, O., & Olson, A. (2010). AutoDock Vina: improving the speed and accuracy of docking with a new scoring function, efficient optimization and multithreading. *J Comput Chem*, 30(2), 455–461.

- Wells, B., DiPiro, J., Schwinghammer, T., & DiPiro, C. (2015). Pharmacotherapy Handbook: Ninth Edition. In *Pharmacotherapy Handbook* (Ninth). McGraw-Hill Education.
- Yanuar, A. (2012). Penambatan Molekul Praktek dan Aplikasi pada Virtual Screening. In *Praktek dan Aplikasi pada Virtual Screening* (pp. 1–79). Laboratorium Komputasi Biomedik dan Rancangan Obat, Fakultas Farmasi Universitas Indonesia.
- Yonata, A., & Pratama, A. (2016). Hipertensi sebagai Faktor Pencetus Terjadinya Stroke. *Majority*, 5(3), 17.