

**DAFTAR PUSTAKA**

- Anonim. 2010. *PyMol viewer*. <http://www.pymol.org/> (diakses tanggal 13 Agustus 2020)
- Anonim. 2014. *GC MS*. <https://btbrd.bppt.go.id/index.php/gcms> (diakses tanggal 2 Oktober 2020)
- Ariyanti, H. dan Apriliana, E. 2016. Pengaruh Fitoestrogen Terhadap Gejala Menopause. *Majority*. **5** (5).
- Bustaman, N. 2008. Fitoestrogen dan kesehatan tulang. *Bina Widya*. **19** (3).
- Dalimartha, S. 1999. *Atlas Tumbuhan Obat Indonesia Jilid 1*. Jakarta: Trubus Agriwidya.
- Ekins, S., Mestres, J., Testa, B. 2007. *In silico* Pharmacology For Drug Discovery: Methods Fo Virtual Ligand Screening And Profiling. *British Journal of Pharmacology*.**152** : 9-20.
- Fatchiyyah. 2015. *Prinsip Dasar Bioinformatika*. Malang. UB Press
- Fedora, G., Bruno, R., Maria, A. O., Giuseppina, I., Teresa, C., Fabrizio, G., Rita, G., Antonio, G., Giancarlo, S. 2018. Identification by Molecular Docking of Homoisoflavones from *Leopoldia comosa* as Ligands of Estrogen Receptors. *Molecules*. **23** : 894.
- Geldenhuis, W.J., Gaasch Kevin E., Watson M., Allen David D., and Van der Schyf Cornelis J. 2006. Optimizing the use of open-source *software46* applications in drug discovery. *DDT*. **11**: 127-132.
- Gultekin, E. dan Yildiz, F. 2006. *Introduction to Phytoestrogen dalam Yildiz. F. Phytoestrogen in Functional Foods*. USA. CRC Press.
- Guo, G., Gui, Y., Gao, S., Tang, A., Hu, X., Huang, Y., Jia, W., Li, Z., He, M., Sun, L., et al. 2012. Frequent mutations of genes encoding ubiquitin-mediated proteolysis pathway components in clear cell renal cell carcinoma. *Nat. Genet*. **4** : 17–19.
- Glover, A. dan Assinder, S.J. 2006. Acute Exposure of Adult Male Dats to Dietary Phytoestrogen Reduces Fecundity and Alters Epididymal Steroid Hormon Receptor Expression. *Journal Endoc*. **189** : 565-573.
- Hinchliffe, A., 2008. *Molecular Modeling for Beginners*. 2nd ed. Chichester. John Wiley and Sons Ltd.
- Kawiyana, I. K. S. 2009. Osteoporosis Patogenesis Diagnosis Dan Penanganan Terkini. *Jurnal Penyakit Dalam*. Volume **10** (2)

- Meiyanto, E., Susidarti, R. A., Jenie, R. I., Utomo, R. Y., Novitasari, D., Febri, W., Mitsunori, K. 2008. Synthesis of new boron containing compound (CCB-2) based on curcumin structure and its cytotoxic effect against cancer cells. *Journal of Applied Pharmaceutical Science*. **10**(2) : 60-66.
- Middleton, E., Kandaswami C., Theoharides, T. C. 2000. The effects of plant flavonoids on mammalian cells: implications for inflammation, heart disease, and cancer. *Pharmacological Reviews*. **52** : 673– 751.
- Mustarichie, R.. 2011. *Penelitian Kimia Tanaman Obat*. Widya Padjadjaran., Bandung.
- Mustarichie, R., Levitas, J., Arpina, J. 2014. *In silico* study of curcumol, curcumenol, isocurcumenol, and  $\beta$ -sitosterol as potential inhibitors of estrogen receptor alpha of breast cancer. *Med J Indones*. **23** (1) : 16
- Patrick, G. 2001. *Instant Notes in Medical Chemistry*. Oxford. BIOS Scientific Publisher.
- Pratoko, D. K. 2012. *Molecular docking* turunan kalkon terhadap reseptor estrogen  $\beta$  (ER-  $\beta$ ) sebagai antikanker payudara. *Jurnal Kimia Terapan Indonesia*. **14**(1) : 1- 10
- Putra, I. G. N. S., Nurcahya, B.M., Rachmattika, B., Wynanda, Sudarmanto, B. S. A., Meiyanto, E. 2008. Kurkumin dan Analognya sebagai *Selective Estrogen Receptor Modulators* (SERMS): Kajian Berdasarkan Metode *Docking* pada Reseptor Estrogen A. *Pharmacon*. **9** (1) : 7-9
- Rajalakshmi, D. dan Narasimhan, S. 1985. *Food Antioxidants: Sources and Methods of Evaluation. Food Antioxidant, Technological, Toxicological and Health Perspectives*. Marcel Dekker Inc. Hongkong
- Robinson, T. 1995. *Kandungan Organik Tumbuhan Tinggi*. Edisi VI. Diterjemahkan oleh Kosasih Padmawinata. ITB Bandung.
- Sandeep, G., Nagasree, K. P., Hanisha, M., Kumar, K. 2011. Audocker LE: A GUI for Virtual Screening with Autodock Vina. *BMC Research Notes*.
- Sanderson, T.J., Hordijk, J., Denison, M., Springsteel, F.M. 2004. Induction and Inhibition of Aromatase (CYP19) Activity by Natural and Synthetic Flavonoid Compounds in H295R Human Adrenocortical Carcinoma Cells. *Toxicological Sciences*. **82** : 70-9
- Sastrohamidjojo, H. 2008. *Kimia Dasar*. Jogyakarta. Gajah Mada University Press.
- Silalahi, J. dan Tampubolon, S.D.R. 2002. Asam Lemak Dalam Makanan dan Pengaruhnya Terhadap Kesehatan. *Teknol. Dan Industri Pangan*. **8**(2): 184-188

- Suhargo, L.. 2003. *Kajian histologi aktivitas estrogenik ekstrak daun handeuleum (Gratophyllum pictum (L) Griff) pada saluran reproduksi mencit betina terovriektomi*. Surabaya. Airlangga University Press.
- Sukarna, I. M. 1997. Kajian Kestabilan Inti Dengan Pendekatan Energi Pengikat Inti. *Cakrawala Pendidikan*. **16**(3) : 165-175.
- Troott, O., Olson, A. J. 2009. *Software News and Update Autodock Vina: Improving the Speed and Accuracy of Docking with a New Scoring Function, Efficient Optimazation and Multithreading*. *Journal of Computational Chemistry*. **31**(2)
- Winata, H. 2011. *Aktivitas Antioksidan dan Kandungan Kimiawi Ekstrak Daun Wungu (Graptophyllum pictum L.Griff)*. Skripsi Fakultas Matematika dan IPA, Institut Pertanian Bogor.
- Wijayakusuma, H. 2008. *Ramuan Lengkap Herbal Taklukkan Penyakit*. Jakarta. Pustaka Bunda
- Zullies, I. 2006. *Pengantar Farmakologi Molekuler*. Gadjah Mada University Press. 103-10.