

## DAFTAR PUSTAKA

- Accelrys Enterprise Platform, 2005. *Introduction to the Discovery Studio Visualizer*. San Diego, California, U.S.A: Accelrys Software Inc.
- Aizawa, Y., Seki, N., Nagano, T. Abe, H. 2015. Chronic hepatitis C virus infection and lipoprotein metabolism. *World J Gastroenterol* (21): 10299–10313
- Ananta, K.D. and Santoso, B. 2018. Kajian Ikatan 3D Molekuler Senyawa Terpilih Ketumbar (*Coriandrum sativum*) dan Adas Bintang (*Anisi Stellati*) terhadap sintase 6, 7-dimetil-8-ribitillumazin (2VI5, 2C92) *Mycobacterium tuberculosis*. *Proceeding of The URECOL*, pp.320-327.
- Apriyanto D.R., Aoki C, Hartati S, Arsianti A , Louisa M, Hotta H. 2016. Aktivitas Antivirus Hepatitis C Fraksi n-Heksana, Etil Asetat dan n-Butanol Daun Lengkek (*Dimocarpus Longan Lour*). Prosiding Seminar Nasional Hasil-Hasil PPM. IPB: 18–28
- Arisandi, Y. dan Y. Andriani. 2011. Khasiat berbagai tanaman obat untuk pengobatan .*Esca Media*:137. Jakarta.
- Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan RI. 2013. *Riset Kesehatan Dasar*. Jakarta: Kementerian Kesehatan RI.
- Beale, JM. Block, JH. 2011. Wilson and Gisvold's Textbook Of Organic Medicinal and Pharmaceutical Industry. USA: Lippincott Williams and Wilkins
- Belda, O dan Targett-Adams, P. 2012. Small molecule inhibitors of the hepatitis C virus-encoded NS5A protein. *Virus research* 170(1-2):1-14
- Bintari, Y.R., 2018. Studi In Silico Potensi Ekstrak Lipida Tetraselmis chuii Sebagai Antioksidan. *JU-ke (Jurnal Ketahanan Pangan)*2(1): 76-81.
- Brillanti, S., G. Mazzella, dan E. Roda. 2011. Ribavirin for chronic hepatitis C: and The Mystery Goes On. *Digestive and Liver Disease*, 43(6):425–430.
- Budiarsa, I.G.N.K., Susilawathi, N.M., Yaputra, F. and Widyadharma, I.P.E., 2019. SAWAR OTAK. *Callosum Neurology*, 2(1), pp.13-17.
- Center for Disease Control and Prevention. 2020. Hepatitis C.

- Chagas, C. M., Moss, S., Alisaraie, L. 2018. Drug metabolites and their effects on the development of adverse reactions: Revisiting Lipinski's Rule of Five. *International Journal of Pharmaceutics* 549(1-2):133–149.
- Chevaliez, S. dan J.M. Pawlotsky. 2006. Hepatitis C Viruses: Genomes and Molecular Biology. *Chapter 1*. Horison Scientific Press.
- Cosconati, S., Forli, S., Perryman, A. L., Harris, R., Goodsell, D. S., Olson, A. J. 2010. Virtual Screening With Autodock: theory and practice. *Expert opinion on drug discovery*, 5(6):597-607.
- Daina, A. dan Zoete, V., 2016. A Boiled-Egg To Predict Gastrointestinal Absorption and Brain Penetration Of Small Molecules. *ChemMedChem* (11): 1117
- Daina, Antoine. 2017. *SWISSADME: a free web tool to evaluate pharmacokinetics, druglikeness and medical chemistry friendliness of small molecules*. Department of Oncology, Swiss Institute of Bioinformatics: Switzerland.
- De Azevedo, W.F., Mueller-Dieckmann, H.J., Schulze-Gahmen, U., Worland, P.J., Sausville, E. and Kim, S.H., 1996. Structural basis for specificity and potency of a flavonoid inhibitor of human CDK2, a cell cycle kinase. *Proceedings of the National Academy of Sciences*, 93(7), pp.2735-2740.
- de Oliveira Andrade, L. J., A.M. Atta, M.L.B.de Sousa Atta. C.N.K. Mangabeira. R. Paraná. 2011. Thyroid Disorders in Patients with Chronic Hepatitis C using Interferon-alpha and Ribavirin Therapy. *The Brazilian Journal of Infectious Diseases*, 15(4):377-381.
- DeLano WL, Bromberg S. 2004 PyMOL User's Guide. California: DeLano Scientific LLC.
- Dhorajiya, B.D., Patel, J.R., Malani, M.H., Dholakiya, B.Z. 2012. Plant product (R)-Roscovitine valuable inhibitor of CDKs as An anti-cancer agent. *Der Pharmacia Sinica* 3(1): 131-43.
- Diao, J., Pantua, H., Ngu, H., Komuves, L., Diehl, L., Schaefer, G. Kapadia, S.B. 2012. Hepatitis C Virus Induces Epidermal Growth Factor Receptor Activation Via CD81 Binding For Viral Internalization And Entry. *Journal of virology* 86(20): 10935-10949.
- EASL. 2014. Recommendations on Treatment of Hepatitis C. *Journal of Hepatology* 61(2): 373-395.

- Ejeh, S., Uzairu, A., Shallangwa, G.A., Abechi, S.E. 2021. Computer-aided identification of a series of novel ligands showing high potency as hepatitis C virus NS3/4A protease inhibitors. *Bulletin of the National Research Centre* 45(1): 1-15.
- Fatmawaty, F., Hanafi, M., Rosmalena, R., Prasasty, V. D. 2015. Skrining in Silico Potensi Senyawa Allicin dari *Allium sativum* Sebagai Antiplasmodium. *Jurnal Kimia Terapan Indonesia (Indonesian Journal of Applied Chemistry)*, 17(2):175-184.
- Finch, A. and Pillans, P., 2014. P-glycoprotein and its role in drug-drug interactions. *Aust Prescr*, 37(4), pp.137-139.
- Forli, S., Huey, R., Pique, M. E., Sanner, M. F., Goodsell, D. S., Olson, A. J. 2016. Computational Protein Ligand Docking and Virtual Drug Screening with The AutoDock suite. *Nature protocols*, 11(5): 905-919.
- Fu, G., C. Batchelor, M. Dumontier, J. Hastings, E. Willighagen, dan E. Bolton. 2015. PubChemRDF: towards the semantic annotation of PubChem compound and substance databases. *Journal of cheminformatics* 7(1):34.
- Ganesan, R., Jelakovic, S., Mittl, P.R., Caflisch, A. and Grütter, M.G., 2011. In silico identification and crystal structure validation of caspase-3 inhibitors without a P1 aspartic acid moiety. *Acta Crystallographica Section F: Structural Biology and Crystallization Communications* 67(8): 842-850.
- Gaulton, A., Kale, N., van Westen, G.J., Bellis, L.J., Bento, A.P., Davies, M., Hersey, A., Papadatos, G., Forster, M., Wege, P. Overington, J.P. 2013. The ChEMBL bioactivity database: an update. *Scientific Data* (2): 150032.
- Gfeller, D., Grosdidier, A., Wirth, M., Daina, A., Michielin, O. Zoete, V. 2014. SwissTargetPrediction: a web server for target prediction of bioactive small molecules. *Nucleic acids research* (42): W32-W38.
- Gu. M dan Rice C. M. 2016. The Spring  $\alpha$ -Helix Coordinates Multiple Modes of HCV (Hepatitis C Virus) NS3 Helicase Action. *Journal of Biological Chemistry* 291(28): 14499–14509.
- Guarino, M., F. Morisco, M.R. Valvano, A.M. Ippolito, M. Librandi, N. Andriulli, A. Andriulli, M. Greco, A. Amoroso, A. Lacobellis, G. Niro, N. Caporaso, A. Andriulli. 2017. Systematic review: interferon-free regimens for patients with HCV-related Child C cirrhosis. *Alimentary Pharmacology & Therapeutics* 45(9):1193-1200.

- Gupta, G., H. Qin, J. Song. 2012. Intrinsically Unstructured Domain 3 of Hepatitis C Virus NS5A Forms a “Fuzzy Complex” with VAPB-MSP Domain Which Carries ALS- Causing Mutations . *PLOS ONE* 7 (6):e39261.
- Hosea, Natalie. 2013. *Predicting Pharmacokinetic Profiles Using in Silico Derived Parameters*. Department of Pharmacokinetic, Dynamics and Metabolism., Cambridge: United States of America.
- Huang, H., Zhang, G., Zhou, Y., Lin, C., Chen, S., Lin, Y., Mai, S. Huang. 2018. Reverse screening methods to search for the protein targets of chemopreventive compounds: *Frontiers in chemistry* (6): 138
- Irshad, M., D.S Mankotia, K. Irshad. 2013. An insight into the diagnosis and pathogenesis of hepatitis C virus infection. *World Journal of Gastroenterology*, 19(44):7896
- Issur, M. Dan Götte, M. 2014. Resistance patterns associated with HCV NS5A inhibitors provide limited insight into drug binding. *Viruses* 6(11): 4227-4241.
- Jaime, S. M. R. 2018. Cytotoxic investigation of crude extracts and isolated compounds from *Ruta angustifolia* Pers. leaves and effects of chalepin on the expression of selected cancer-related proteins in human lung carcinoma cells A549 / Jaime Stella Moses Richardson. PhD thesis, University of Malaya.
- Jefferies, M., Rauff, B., Rashid, H., Lam, T., Rafiq, S. 2018. Update on Global Epidemiology of Viral Hepatitis and Preventive Strategies. *World Journal of Clinical Cases* 6(13): 589-599.
- Jin, Z; Leveque, V; Ma, H; Johnson, KA; Klumpp, K. 2012.. Assembly, Purification, and Presteady-state Kinetic Analysis of Active RNA-dependent RNA Polymerase Elongation Complex. *Journal of Biological Chemistry*, 287(13): 10674–10683
- Karim, M. A. 2018. Analisis docking molekuler senyawa flavonoid dan steroid terhadap enzim siklooksigenase dan fosfolipase [skripsi]. Fakultas Farmasi. Universitas Seia Budi, Surakarta.
- Khoury A. C. E., W. K. Klimack, C. Wallace, H. Razavi. 2012. Economic Burden of Hepatitis C-Associated Diseases in the United States. *Journal of Viral Hepatitis* (19):153-160
- Kong Q, Ma Y, Yu J, Chen Z. 2017. *Predicted molecular targets and pathways for germacrone, curdione, and furanodiene in the treatment of breast cancer using a bioinformatics approach*. *Sci Reports*.

- Kudelova, J., Fleischmannova, J., Adamova, E., Matalova, E. 2015. Pharmacological Caspase Inhibitors: Research Towards Therapeutic Perspectives. *J Physiol Pharmacol* 66(4): 473-82.
- Kirchmair, J. et al. 2015 Predicting drug metabolism: experiment and/or computation *Nature Rev. Drug Discov.* 14, 387–404.
- Liakina, V., S. Hamid, J. Tanaka, S. Olafsson, A.I. Sharara, S.M. Alavian, L. Gheorghie, E.S. El Hassan, F. Abaalkhail, Z. Abbas. 2015. Historical Epidemiology of Hepatitis C Virus (HCV) in Select Countries. *Journal of Viral Hepat* (3):4-20.
- Lipinski, C. A., Lombardo, F., Dominy, B. W., Feeney, P. J. 2012. Experimental and computational approaches to estimate solubility and permeability in drug discovery and development settings. *Advanced Drug Delivery Reviews* (64):4
- Lupberger, J., Zeisel, M.B., Xiao, F., Thumann, C., Fofana, I., Zona, L., Davis, C., Mee, C.J., Turek, M., Gorke, S. Royer, C. 2011. EGFR And Epha2 Are Host Factors For Hepatitis C Virus Entry And Possible Targets For Antiviral Therapy. *Nature medicine* 17(5): 589-595
- Manns EL, Hoepelman AIM, Choi HJ, Lee JY, Cornpropst M, Liang W, King B, Hirsch KR, Oldach D, Rousseau FS. 2010. Short term safety, tolerability, pharmacokinetics and preliminary activity of GS 9450, a selective caspase inhibitor, in patients with chronic HCV infection. In 45th Annual Meeting of the European Association for the Study of the Liver (EASL 2010), Vienna, Austria
- McCauley, J. A., dan Rudd, M. T. 2016. *Hepatitis C virus NS3/4a protease inhibitors. Current Opinion in Pharmacology* (30): 84–92.
- McCubrey, J.A., Steelman, L.S., Bertrand, F.E., Davis, N.M., Abrams, S.L., Montalto, G., D'Assoro, A.B., Libra, M., Nicoletti, F., Maestro, R., Basecke, J. 2014. Multifaceted roles of GSK-3 and Wnt/ $\beta$ -catenin in hematopoiesis and leukemogenesis: opportunities for therapeutic intervention. *Leukemia* 28(1): 15-33.
- McIlwain, D.R., Berger, T., Mak, T.W. 2013. Caspase Functions In Cell Death and Disease. *Cold Spring Harbor perspectives in biology* 5(4): 008656.
- Meng, X. Y., Zhang, H. X., Mezei, M., & Cui, M. 2011. Molecular Docking: A Powerful Approach For Structure-Based Drug Discovery. *Current computer-aided drug design*, 7(2), 146-157.

- Moradpour, D. dan F. Penin. 2013. Hepatitis C Virus Proteins: From Structure to Function. *Hepatitis C Virus: From Molecular Virology to Antiviral Therapy*. Springer, Berlin, Heidelberg: 113–142.
- Mulyani, H., S.H. Widyastuti, V.I. Ekowati. 2016. Tumbuhan Herbal Sebagai Jamu Pengobatan Tradisional Terhadap Penyakit Dalam Serat Primbon Jampi Jawi Jilid I. *Jurnal Penelitian Humaniora* 21(2): 73-91
- Munakata, T., Inada, M., Tokunaga, Y., Wakita, T., Kohara, M. and Nomoto, A., 2014. Suppression of hepatitis C virus replication by cyclin-dependent kinase inhibitors. *Antiviral research*, 108, pp.79-87.
- Muttaqin, F.Z., 2019. Molecular Docking and Molecular Dynamic Studies of Stilbene Derivative Compounds As Sirtuin-3 (Sirt3) Histone Deacetylase Inhibitor on Melanoma Skin Cancer and Their Toxicities Prediction. *Journal of Pharmacopolium*, 2(2).
- Nauli, T. 2014. Penentuan Sisi Aktif Selulase *Aspergillus Niger* dengan Docking Ligan. *JKTI*, 16(2).
- Nurhayati, A.P.D., Pratiwi, R., Wahyuono, S., Istriyati, P.H. and Abdillah, S., 2015. In vitro test and molecular docking of alkaloid compound in marine sponge *Cinachyrella anomala* against T47D cell cycle. *J. Mar. Sci. Res. Dev*, 5(2), pp.1-3.
- Noer, S. dan R.D. Pratiwi. 2016. Uji kualitatif fitokimia daun ruta *angustifolia*. *Faktor Exacta* 9(3): 200-206.
- Parikesit, A. 2010. The Role of Bioinformatics In Protein-Protein Interaction Study. *Sigma J Sci Technologi* 13(1):1–7.
- Pedretti, A., Mazzolari, A., & Vistoli, G. 2004. VegaZZ: a versatile toolkit for drug design and protein modeling. *J Comput Chem* 25(13):1605-1612.
- Peraturan Menteri Kesehatan Republik Indonesia. 2019. Pedoman Nasional Pelayanan Kedokteran Tata Laksana Hepatitis C. Keputusan Menteri Kesehatan Republik Indonesia Nomor Hk.01.07/Menkes/681/2019. Kementerian Kesehatan Republik Indonesia. Jakarta.
- Perhimpunan Peneliti Hati Indonesia. 2017. *Konsensus Nasional Penatalaksanaan Hepatitis C di Indonesia*. Jakarta: Perhimpunan Peneliti Hati Indonesia.
- Popescu, C.I., L. Riva, O. Vlaicu, R. Farhat, Y. Rouille, J. Dubuisson. 2014. Hepatitis C Virus Life Cycle and Lipid Metabolism. *Biology* 3(4):892-921.

- Pradana, D. A., F. Hayati, D. Sukma. 2013. Pengaruh Pra-Perlakuan Madu Terhadap Farmakokinetika Eliminasi Rifampisin Pada Tikus Wistar Jantan. *Jurnal Ilmiah Farmasi* 10(1):18-27.
- Prasetiawati, R., Suherman, M., Permana, B. and Rahmawati, R., 2021. Molecular Docking Study of Anthocyanidin Compounds Against Epidermal Growth Factor Receptor (EGFR) as Anti-Lung Cancer. *Indonesian Journal of Pharmaceutical Science and Technology*, 8(1), pp.8-20.
- Purnamasari, D. and Fauziah, D. 2020. Ekspresi p16 dan CDK4 pada Berbagai Stadium T Karsinoma Laring. *Majalah Patologi Indonesia*, 29(1),.25-29.
- Rigat, K., Wang, Y., Hudyma, T. W., Ding, M., Zheng, X., Gentles, R. G, Benoc. B.R, Gaoa. M, RobertsS.B .2010. Ligand-Induced Changes In Hepatitis C Virus NS5B Polymerase Structure. *Antiviral Research* 88(2): 197–206.
- Rinanda, T. 2012. Analisis Molekuler Genom Virus Hepatitis C serta Peranannya dalam Patogenesis Infeksi. *Jurnal Kedokteran Syiah Kuala*, 12(1):53-57.
- Rollinger, J.M., Schuster, D., Danzl, B., Schwaiger, S., Markt, P., Schmidtke, M., Gertsch, J., Raduner, S., Wolber, G., Langer, T. and Stuppner, H., 2009. In silico target fishing for rationalized ligand discovery exemplified on constituents of *Ruta graveolens*. *Planta medica*, 75(03), pp.195-204.
- Rose, P.W., A. Prlic, C. Bi, W.F. Bluhm, C.H. Christie, S. Dutta, R.K. Green, D.S. Goodsell, J.D. Westbrook, J. Woo, J. Young, C. Zardecki, H.M. Berman, P.E Bourne, S.K Burley. 2015. The RCSB Protein Data Bank: views of structural biology for basic and applied research and education. *Nucleic Acids Research* (43):D345-D354.
- Rowland, M., Tozer, T.N. 1995. *Clinical Pharmacokinetics Concept and Application*, Third Ed. Philadelphia USA: A Wolter Kluwer Company.
- Saputri, K.E., Fakhmi, N., Kusumaningtyas, E., Priyatama, D. dan Santoso, B., 2016. Docking molekular potensi anti diabetes melitus tipe 2 turunan zerumbon sebagai inhibitor aldosa reduktase dengan autodock-vina. *Chimica et Natura Acta*, 4(1), pp.16-20.
- Sarhan, M.A., Abdel-Hakeem, M.S., Mason, A.L., Tyrrell, D.L., Houghton, M. 2017. Glycogen synthase kinase 3 $\beta$  inhibitors prevent hepatitis C virus release/assembly through perturbation of lipid metabolism. *Scientific reports* 7(1): 1-12.
- Sarhan, M.O., El-Karim, A., Somaia, S., Anwar, M.M., Gouda, R.H., Zaghary, W.A. and Khedr, M.A.. 2021. Discovery of New Coumarin-Based Lead with Potential Anticancer, CDK4 Inhibition and Selective Radiotheranostic Effect: Synthesis, 2D & 3D QSAR, Molecular

- Dynamics, In Vitro Cytotoxicity, Radioiodination, and Biodistribution Studies. *Molecules*, 26(8), p.2273.
- Sari, L.M., 2018. Apoptosis: Mekanisme molekuler kematian sel. *Cakradonya Dental Journal* 10(2): 65-70.
- Satoh, K., Shimokawa, H., Berk, B. C. 2010. Cyclophilin A. *Circulation Journal*, 74(11): 2249– 2256
- Seeger. C., dan W.S. Mason. 2015. Molecular Biology of Hepatitis B Virus Infection. *Journal Virology*.(479-480):672–686.
- Setiawan, H. dan Irawan, M. I. 2017. Kajian Pendekatan Penempatan Ligan Pada Protein Menggunakan Algoritma Genetika. *Jurnal Sains dan Seni ITS*, 6(2), A68-A72.
- Shafiq, M.I., Steinbrecher, T., Schmid, R. 2012. Fascaplysin as a specific inhibitor for CDK4: Insights from molecular modelling. *PLoS One* 7(8): e42612.
- Sibley, A., K.H. Han, A. Abourached, L.A. Lesmana, M. Makara, W. Jafri, R. Salupere, A.M. Assiri, A. Goldis, F. Abaalkhail. 2015. The Present and Future Disease Burden of Hepatitis C Virus Infections With Today's Treatment Paradigm. *Journal Viral Hepat* (3):21-41.
- Stanaway, J. D., A.D. Flaxman, M. Naghavi, C. Fitzmaurice, T. Vos, I. Abubakar, L.J. Abu-Raddad, R. Assadi, N. Bhala, B. Cowie, M.H Forouzanfour, J. Groeger, K.M Hanafi ah, K.H Jacobsen, S.L James, J. MacLachlan, R. Malekzadeh, N.K Martin, A.A Mokdad, A.H Mokdad, C.J.L Murray, D. Plass, S. Rana, D.B Rein, J.H Richardus, J.Sanabria, M. Saylan, S.Shahraz, S.So, V.V Vlassov, E. Weiderpass, S.T Wiersma, M. Younis, C.Yu, M.E. Sayed Zaki, G.S Cooke. 2016. The Global Burden of Viral Hepatitis from 1990 to 2013: Findings from the Global Burden of Disease Study 2013. *The Lancet* (388):1081–1088.
- Takeda, H., T. Atsushi, I.Tadashi, M. Hiroyuki. 2017. Genetic Basis of Hepatitis Virus- Associated Hepatocellular Carcinoma: Linkage Between Infection, Inflammation, and Tumorigenesis. *Journal Gastroenterol* (52):26-38.
- Tamori, A., M. Enomoto, N. Kawada. 2016. Recent Advances in Antiviral Therapy for Chronic Hepatitis C. *Mediators of inflammation*, 2016.
- Terstappen G. C dan Reggiani A. 2001. In Silico Research in Drug Discovery. *Trends Pharmacol Sci* 22(1), 23–26.
- Tun, W., L. Vu, S.B. Adebajo, L. Abiodun, M. Sheehy, A. Karlyn, J. Njab, B. Ahonsi, B.K. Issa, O. Idogho. 2013. Population-Based Prevalence of

- Hepatitis B and C Virus, HIV, Syphilis, Gonorrhoea and Chlamydia in Male Injection Drug Users in Lagos, Nigeria. *Int J STD AIDS*(24):619-625.
- Umar, S., Soni, R., Durgapal, S.D., Soman, S. Dan Balakrishnan, S., 2020. A synthetic coumarin derivative (4-flourophénylacetamide-acetyl coumarin) impedes cell cycle at G0/G1 stage, induces apoptosis, and inhibits metastasis via ROS- mediated p53 and AKT signaling pathways in A549 cells. *Journal of Biochemical and Molecular Toxicology*: 34(10), p.e22553.
- Urata, K., Kajihara, I., Myangat, T.M., Tasaki, Y., Otsuka-Maeda, S., Sawamura, S., Kanazawa-Yamada, S., Sakamoto, R., Makino, K., Aoi, J., Igata, T. 2019. Overexpression of cyclin-dependent kinase 4 protein in extramammary Paget's disease. *The Journal of dermatology* 46(5): 444-448.
- Valdmanis, P. N., Kim, H. K., Chu, K., Zhang, F., Xu, J., Munding, E. M., Kay, M. A.2018. Mir-122 Removal In The Liver Activates Imprinted Micrnas And Enables More Effective Microrna-Mediated Gene Repression. *Nature Communications*, 9(1).
- Wahyuni, T. S., Mahfud, H.,Permatasari, A.A.,Widyawaruyanti, A.,Fuad, A. 2019. Synergistic Anti-hepatitis C virus Activity of Ruta Angustifolia Extract With NS3 Protein Inhibitor. *Journal of Basic and Clinical Physiology and Pharmacology* 30(6)
- Wahyuni, T.S, A. Widyawaruyanti, M.I. Lusida, A. Fuad, Soetjipto, H. Fuchino, N. Kawahara, Y. Hayashi, C. Aoki, H. Hotta. 2014. Inhibition of hepatitis C virus replication by chalepin and pseudane IX isolated from Ruta angustifolia leaves. *Fitoterapia* (99) 276-283
- Wait, S., K. Kell, S. Hamid, D.H. Muljono, J. Sollano, R. Mohamed, S. Shah, M. Al- Mahtab, Z. Abbas, J. Johnston. 2016. Hepatitis B and Hepatitis C in Southeast and Southern Asia: Challenges for Governments. *The Lancet Gastroenterol Hepatol* (3):248-255
- World Health Organization. 2020. Hepatitis C. <https://www.who.int/news-room/fact-detail/hepatitis-c>. 27 Desember 2020 (10:47)
- Wulandari, E.K., 2010. Karya Pascasarjana Kimia: Analisis Interaksi Histone Deacetylase (HDAC) Kelas II Homo Sapiens Dengan Suberoyllanilide Hydroxamic Acids (SAHA) dan Trichostantin A (TSA). *Depok: Departmen Kimia FMIPA UI*.