

DAFTAR PUSTAKA

- Annurullah, G.A., Jasmine, M.S., Saraswati, N.A. & Rizka, Y. 2021. Faktor Risiko Obesitas pada Pekerja Kantoran: A Systematic Review. *Jurnal Kesehatan Tambusai*. 2(2): 80-88.
- Azizah, N., Syamsi, N., Nayoan, C.R. & Tanra, A.A.M. 2022. Uji Efektivitas Ekstrak Herbal Daun Sambiloto (*Andrographis Panicula*) Terhadap Kadar Gula Darah Pada Tikus Putih (*Rattus Norvegicus*) Jantan Yang Di Induksi Aloksan. *Healthy Tadulako Journal (Jurnal Kesehatan Tadulako)*. 8(3): 172-179.
- Benaas, N. & Wagner, A.E. 2022. D. melanogaster as a model organism for obesity and type-2 diabetes mellitus by applying high-sugar and high-fat diets. *Biomolecules*. 12(2): 307. doi: <https://doi.org/10.3390/biom12020307>
- Buchon, N., Silverman, N., Cherry, S. 2014. Immunity in D. melanogaster From Microbial Recognition to Whole-Organism physiology. *Nature Reviews Immunology*. 14(1): 796–810. doi: <https://doi.org/10.1038/nri3763>
- Chen, C.C., Chuang, W.T., Lin, A.H., Tsai, C.W., Huang, C.S., Chen, Y.T., Chen, H.W. & Lii, C.K. 2016. Andrographolide inhibits adipogenesis of 3T3-L1 cells by suppressing C/EBP β expression and activation. *Toxicology and Applied Pharmacology*. 307(1): 15-122. doi: <https://doi.org/10.1016/j.taap.2016.07.021>
- Gáliková, M. & Klepsatel, P. 2018. Obesity and aging in the Drosophila model. *International journal of molecular sciences*. 19(7): 1896.
- Kemenkes RI. 2018. Klasifikasi Obesitas Setelah Pengukuran IMT. <https://p2ptm.kemkes.go.id/infographic-p2ptm/obesitas/klasifikasi-obesitas-setelah-pengukuran-imt>. Diakses pada 3 Desember 2024.
- Lau, S.H.A., Herman, H. & Rahmat, M. 2019. Studi perbandingan tingkat pengetahuan masyarakat tentang obat herbal dan obat sintetik di campagayya kelurahan panaikang Kota makassar. *Jurnal Farmasi Sandi Karsa*. 5(1): 33-37.
- Lee, S., Bao, H., Ishikawa, Z., Wang, W., & Lim, H. Y. 2017. Cardiomyocyte Regulation of Systemic Lipid Metabolism By the Apolipoprotein B Containing Lipoproteins in Drosophila. *PLOS Genetics*. 13(1): 3. doi: <https://doi.org/10.1371/journal.pgen.1006555>



- Mirzoyan, Z., Sollazzo, M., Allocca, M., Valenza, A.M., Grifoni, D. & Bellosta, P. 2019. *D. melanogaster*: A model organism to study cancer. *Frontiers in genetics*. 10(51): 1-16. doi: <https://doi.org/10.3389/fgene.2019.00051>
- Nainu, F. 2018. Penggunaan *D. melanogaster* sebagai organisme model dalam penemuan obat. *Jurnal Farmasi Galenika (Galenika Journal of Pharmacy)*. 4(1): 50-67.
- Nayak, N. & Mishra, M. 2021. High fat diet induced abnormalities in metabolism, growth, behavior, and circadian clock in *D. melanogaster*. *Life Sciences*. 281(1): 3-6. doi: <https://doi.org/10.1016/j.lfs.2021.119758>
- Octaviani, F .F. 2021. *Ganbatte Cimsa Uns Sebagai Upaya Edukasi terkait Obesitas pada Masyarakat Daerah Gulon*.
- Paula, M. T. D., & Silva, M. R. High-Fat Diet Induces Oxidative Stress and MPK2 and HSP83 Gene Expression in *Drosophila melanogaster*. *Oxidative medicine and cellular longevity*. 1(1): 1-11. doi: <https://doi.org/10.1155/2016/4018157>
- Pertiwi, K.R., Fitriana, E.I. & Kuswandi, P.C. 2024. Pengaruh Diet Minyak Kelapa (*Virgin Coconut Oil*) terhadap Kadar Kolesterol, Berat Badan, dan Jumlah Imago Lima Generasi *D. melanogaster*. *Lentera Bio: Berkala Ilmiah Biologi*. 13(1): 167-175.
- Riyono, M., Dermiati, & Yusruadi. 2019. Efek Fraksi Buah Ketumbar terhadap Gambaran Histopatologi Pankreas Tikus Putih Jantan Hiperkolesterolemia Diabetes. *Farmakologika Jurnal Farmasi*. 16(1):48-58.
- Rosa, R.A., Latada, N.P., Asbah, A., Mu'arif, A., Yulianty, R. & Nainu, F. 2021. Eksplorasi efek etanol terhadap survival dan status imunitas *D. melanogaster*. *Jurnal Farmasi Indonesia*. 13(2): 146-153.
- Saputra, B. A. 2021. Peotensi Ekstrak Daun Sambiloto sebagai Obat Antidiabetes. *Jurnal Penelitian Perawat Profesional*. 3(2): 256.
- SKI. 2023. *Survei Kesehatan Indonesia 2023 Dalam Angka: Data Akurat Kebijakan Tepat*. Jakarta: Kementerian Kesehatan RI.
- WHO. 2024. Obesity and Overweight. <https://www.who.int/news-room/fact-sheets/detail/obesity-and-overweight>. Diakses pada 13 September 2024.
- WOF. 2024. *'World Obesity Atlas 2024: Obesity and Its Consequences*. London: Obesity Federation.



, J., Yi, J., Li, J., Li, W. & Zhai, Z. 2024. High-fat diets induce inflammatory IMD/NkB signaling via gut microbiota remodeling in

Drosophila. *Frontiers in Cellular and Infection Microbiology*. 14(1): 1-11.
doi: <https://doi.org/10.3389/fcimb.2024.1347716>

Yu, S., Luo, F., Xu, Y., Zhang, Y. & Jin, L.H., 2022. Drosophila innate immunity involves multiple signaling pathways and coordinated communication between different tissues. *Frontiers in Immunology*. 13(1): 1-8. doi: <https://doi.org/10.3389/fimmu.2022.905370>

Zhang, H., Li, S., Si, Y. & Xu, H. 2021. Andrographolide and its derivatives: Current achievements and future perspectives. *European Journal of Medicinal Chemistry*. 224(1): 113710. doi: <https://doi.org/10.1016/j.ejmech.2021.113710>



Optimized using
trial version
www.balesio.com