

## DAFTAR PUSTAKA

- Ambion. 2012. PureLink® RNA Mini Kit. Carlsbad, CA USA. <https://www.thermofisher.com/order/catalog/product/12183018A>. Diakses pada 20 Oktober 2023.
- Bañas, N dan Anika, E. W. 2022. Drosophila melanogaster as a Model Organism for Obesity and Type-2 Diabetes Mellitus by Applying High-Sugar and High-Fat Diets. *Biomolecules*. 12 (305): 1- 13.
- Baxi, H., Habib, A., Hussain, M.S., Hussain, S. and Dubey, K., 2020. Prevalence of peripheral neuropathy and associated pain in patients with diabetes mellitus: Evidence from a cross-sectional study. *Journal of Diabetes & Metabolic Disorders*. 19: 1011-1017.
- Barik, M. M. A. B. K. 2018. Behavioral Teratogenesis in *Drosophila melanogaster*. In: FÉLIX, L (ed.) *Teratogenicity Testing: Methods and Protocols, Methods in Molecular Biology*. Springer Science+Business Media: Springer Nature.
- Catalani, E., Silvestri, F., Bongiorni, S., Taddei, A.R., Fanelli, G., Rinalducci, S., De Palma, C., Perrotta, C., Prantera, G. and Cervia, D., 2021. Retinal damage in a new model of hyperglycemia induced by high-sucrose diets. *Pharmacological Research*, 166, 105488.
- Chiang, M.H., Lin, Y.C., Wu, T. and Wu, C.L., 2023. Thermosensation and Temperature Preference: From Molecules to Neuronal Circuits in *Drosophila*. *Cells*, 12(24), 2792.
- Gallio, M., dkk. 2011. The Coding of Temperature in the *Drosophila* Brain. *Elsivier*.144(4): 24-614.
- Humphries, A. D., Streimann, I. C., Stojanovski, D., Johnston, A. J., Yano, M., Hoogenraad, N. J., & Ryan, M. T. 2005. Dissection of the mitochondrial import and assembly pathway for human Tom40. *Journal of Biological Chemistry*, 280(12), 11535–11543.
- IDF. 2021. *IDF Diabetes Atlas 10th Edition*, International Diabetes Federation (IDF). <https://diabetesatlas.org/data/en/>
- Imambucus, B.N., Zhou, F., Formozov, A., Wittich, A., Tenedini, F.M., Hu, C., Sauter, K., Varela, E.M., Herédia, F., Casimiro, A.P. and Macedo, A., 2022. A neuropeptidergic circuit gates selective escape behavior of *Drosophila*. *Plant Biology*, 32(1), 149-163.
- Irhal. 2021. Obesitas Sentral Dengan Kejadian Hiperglikemia di Satuan Kerja Perangkat Daerah. *Higeia Journal of Public Health and Development*. 5(3), 354-364.
- Jge, D., dan Galikova, M. 2019. Temperature induces Changes in Energy Stores. *Scientific report*. 1-10



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- Liguori, F., Elisa, M., & Fiammetta, V. 2021. The Genetics of Diabetes: What We Can Learn from Drosophila. *International Journal of Molecular Sciences*. 22. (11295): 1-21.
- Liu, F., dkk. 2024. Metformin Improves Diabetic Neuropathy by Reducing Inflammation Through Up-Regulating The Expression of mir-14a and suppressing oxidative stress. *Journal of Diabetes and Its Complications*. 38: 1-11.
- Liu, W., Duan, X., Fang, X., Shang, W., & Tong, C. 2018. Mitochondrial protein import regulates cytosolic protein homeostasis and neuronal integrity. *Autophagy*. 14(8): 1293-1309.
- Musselman, L.P. 2011. A High-Sugar Diet Produces Obesity And Insulin Resistance In Wild-Type Drosophila. *Disease Models & Mechanisms*. 4: 842-849.
- Nainu, F. 2018. Review: Penggunaan Drosophila melanogaster Sebagai Organisme Model Dalam Penemuan Obat. *Jurnal Farmasi Galenika*. 4(1).
- Renaldi, H. A., Amin, S., dan Asmar, B. Asuhan Keperawatan Ketidakstabilan Glukosa Darah Pada Pasien Tn. D Dengan Diabetes Melitus Tipe II Di RSI Banjarnegara. *Jurnal Inovasi Penelitian*. 3(5).
- Sabat, D., Patnaik, A., Ekka, B., Dash, P., dan Mishra, M. 2016. Invenstigation of Titania Nanoparticles on Behavior and Mehanosensory Organ of Drosophila melanogaster. *Physiology & Behavior*. 167: 76-85.
- Suharsono dan Nuryadin, E. 2019. Pengaruh Suhu Terhadap Siklus Hidup Lalat Buah (*Drosophila melanogaster*). *Bioeksperimen*. 5(2):114-120.
- Suzuki, M., Kuromi, H., Shindo, M., Sakata, N., Niimi, N., Fukui, K., Saitoe, M. and Sango, K., 2022. A Drosophila model of diabetic neuropathy reveals a crucial role of proteasome activity in the glia. *bioRxiv*, 2022-09.
- Ugbedeojo, S.P., Alexander, E.M., Abigail, O. and Tochukwu, O.C., 2021. The phytochemical constituents, hypoglycemic, and antioxidant activities of Senna occidentalis (L.) ethanolic leaf extract in high sucrose diet fed drosophila melanogaster. *Journal of Advances in Biology & Biotechnology*, 24(3), 48-63
- Wang, M., dkk. 2022. Ameliorative Effect of Bayberry Leaves Proanthocyanidins on High Fat Diet Induced *Drosophila melanogaster*. *Frontiers*. 13: 1-13



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