

## DAFTAR PUSTAKA

- Adeyinka, A. dan Pierre, L. 2019. Organophosphates. Treasure Island (FL): StatPearls Publishing [serial online]. <https://www.ncbi.nlm.nih.gov/books/NBK499860/>. Diakses 30 Januari 2020.
- Antonarakis, S.E. dan Cooper, D.N. 2013. Human Gene Mutation in Inherited Disease. In: Rimoin, D., Pyeritz, R., dan Korf, B. (Ed): *Emery and Rimoin's Principles and Practice of Medical Genetics*. Academic Press: United Kingdom.
- Astuti, E.P. dan Juliawati, R. 2010. Toksisitas Insektisida Organofosfat dan Karbamat terhadap Nyamuk *Aedes aegypti*. *Aspirator*, 2 (2): 77-83.
- Benedict, M.Q., Howell, P., dan Wilkins, L. 2015. The MR4 Methods in Anopheles Research Laboratory Manual, 2015 Edition. <https://www.beiresources.org/Portals/2/VectorResources/2016%20Methods%20in%20Anopheles%20Research%20full%20manual.pdf>. Diakses 10 Mei 2020.
- CDC. 2018. Chikungunya Virus. Centers for Disease Control and Prevention. <https://www.cdc.gov/chikungunya/transmission/index.html>. Diakses 28 Juli 2021.
- CDC. 2020. Life Cycle of *Aedes aegypti* and *Ae. albopictus* Mosquitoes. Centers for Disease Control and Prevention. <https://www.cdc.gov/mosquitoes/about/life-cycles/aedes.html>. Diakses 28 Juli 2021.
- Coats, J.R. 1990. Mechanisms of Toxic Action and Structure-Activity Relationships for Organochlorine and Synthetic Pyrethroid Insecticides. *Environmental Health Perspectives*, (87): 255-262.
- Cutwa, M.M. dan O'Meara, G.F. No date. Photographic Guide to Common Mosquitoes of Florida. University of Florida: Florida Medical Entomology Laboratory.
- Departemen Kesehatan Republik Indonesia. 2007. Ekologi dan Aspek Perilaku Vektor. Direktorat Jenderal PP dan PL Jakarta.
- Dickson, E.T. dan Hyman, P. 2013. Mutation, Silent. In: Maloy, S. dan Hughes, K. (Ed): *Brenner's Encyclopedia of Genetics Second Edition*. Academic Press: United Kingdom.
- Dinas Kesehatan Daerah Istimewa Yogyakarta. 2020. Siaga Demam Berdarah Dengue di Awal Tahun 2020. <http://www.dinkes.jogjaprovo.go.id/berita/detail/siaga-demam-berdarah-dengue-di-awal-tahun-2020>. Diakses 27 April 2020.
- Ghiffari, A., Fatimi, H., dan Anwar, C. 2013. Deteksi Resistensi Insektisida Sintetik Piretroid pada *Aedes aegypti* (L.) Strain Palembang Menggunakan Teknik *Polymerase Chain Reaction*. *Aspirator*, 5 (2): 37-44.
- Grigoraki, L., Lagnel, J., Kioulos, I., Kampuraki, A., Morou, E., Labbé, P., et al. 2015. Transcriptome Profiling and Genetic Study Reveal Amplified

- Carboxylesterase Genes Implicated in Temephos Resistance, in the Asian Tiger Mosquito *Aedes albopictus*. *PLoS Negl Trop Dis*, 9 (5): e0003771.
- Hadidjaja, P. dan Gandahusada, S. 2008. *Atlas Parasitologi Kedokteran*. Gramedia Pustaka Utama: Jakarta.
- Hasmiwati, Rusjdi, S.R., dan Nofita, E. 2018. Detection of *Ace-1* gene with insecticides resistance in *Aedes aegypti* populations from DHF-endemic areas in Padang, Indonesia. *Biodiversitas*, (19): 31-36.
- Hematpoor, A., Liew, S.Y., Chong, W.L., Azirun, M.S., Lee, V.S., dan Awang, K. 2016. Inhibition and Larvicidal Activity of Phenylpropanoids from *Piper sarmentosum* on Acetylcholinesterase against Mosquito Vectors and Their Binding Mode of Interaction. *PLoS ONE*, 11 (5): e0155265.
- Indrayani, Y.A. dan Wahyudi, T. 2018. *Situasi Penyakit Demam Berdarah di Indonesia Tahun 2017*. Jakarta: InfoDATIN, Indonesia.
- Jalali, M., Saldanha, F.Y.L., dan Jalali, M. 2017. *Basic Science Methods for Clinical Researchers*. Academic Press: United Kingdom.
- Kawada, H., Higa, Y., Futami, K., Muranami, Y., Kawashima, E., Osei, J.H.N., et al. 2016. Discovery of Point Mutations in the Voltage-Gated Sodium Channel from African *Aedes aegypti* Populations: Potential Phylogenetic Reasons for Gene Introgression. *PLoS Neglected Tropical Diseases*, 10 (6): 1-21.
- Kemenkes RI. 2012. *Pedoman Penggunaan Insektisida (Pestisida) dalam Pengendalian Vektor*. Jakarta: Kementerian Kesehatan RI.
- Khairunisa, U., Wahyuningsih, N.E., dan Hapsari. 2017. Kepadatan Jentik Nyamuk *Aedes sp.* (*House Index*) sebagai Indikator Surveilans Vektor Demam Berdarah *Dengue* di Kota Semarang. *Jurnal Kesehatan Masyarakat*, 5 (5): 906-910.
- Leandro, A.S., Rios, J.A., Britto, A.S., Galvao, S.R., Lopes, R.D., Rivas, A.V., et al. 2020. Malathion insecticide resistance in *Aedes aegypti*: laboratory conditions and *in situ* experimental approach through adult entomological surveillance. *Tropical Medicine and International Health*, 25 (10):1271-1282.
- Leong, C.S., Vythilingam, I., Liew, J.W., Wong, M.L., Wan-Yusoff, W.S., dan Lau, Y. 2019. Enzymatic and molecular characterization of insecticide resistance mechanisms in field populations of *Aedes aegypti* from Selangor, Malaysia. *Parasites Vectors*, 12 (2019): 236.
- Lushchak, V.I., Matviishyn, T.M., Husak, V.V., Storey, J.M., dan Storey, K.B. 2018. Pesticide toxicity: a mechanistic approach. *EXCLI Journal*, 2018 (17): 1101-1136.
- Mantolu, Y., Kustiati, K., Ambarningrum, T.B., Yusmalinar, S., dan Ahmad, I. 2016. Status dan perkembangan resistensi *Aedes aegypti* (Linnaeus) (Diptera: Culicidae) strain Bandung, Bogor, Makassar, Palu, dan VCRU terhadap insektisida permetrin dengan seleksi lima generasi. *Jurnal Entomologi Indonesia*, 13 (1): 1-8.
- Mullen, G.R. dan Durden, L.A. 2019. *Medical and Veterinary Entomology*. Academic Press: United Kingdom.
- Mulyaningsih, B., Umniyati, S.R., Satoto, T.B.T., Diptyanusa, A.,

- Nugrahaningsih, D.A.A., dan Selian, Y. 2018. Insecticide resistance and possible mechanisms of *Aedes aegypti* (Diptera: Culicidae) in Yogyakarta. *J Med Sci*, 50 (1): 24-32.
- Muthusamy, R., dan Shivakumar, M.S. 2015. Susceptibility status of *Aedes aegypti* (L.) (Diptera: Culicidae) to temephos from three districts of Tamil Nadu, India. *J Vector Borne Dis*, 52 (2015): 159–165.
- Natadisastra, D. dan Agoes, R. 2009. *Parasitologi Kedokteran Ditinjau dari Organ Tubuh yang Diserang*. EGC: Jakarta.
- Nimmo, D. No date. Oxitec confidential information: *Aedes aegypti* and *Aedes albopictus*; Life cycle, biology and distribution. [http://www.genewatch.org/uploads/f03c6d66a9b354535738483c1c3d49e4/appen\\_4\\_doc\\_4.pdf](http://www.genewatch.org/uploads/f03c6d66a9b354535738483c1c3d49e4/appen_4_doc_4.pdf). Diakses 28 Juli 2021.
- Novita, I.B., Martini, M., Hestningsih, R., Yuliawati, S., Kusariana, N., dan Hadi, M. 2019. *Aedes aegypti* vector resistance status on malation and activity of non specific esteration enzymes in Tembalang district, Semarang city. *JKKI*, 10 (3): 215-221.
- Prabowo, A.R.J., Umniyati, S.R., dan Mulyaningsih, B. 2014. Uji Resistensi Insektisida Cypermethrine pada Nyamuk *Aedes aegypti* dari Daerah Plosokuning Kabupaten Sleman [skripsi]. Yogyakarta: Universitas Gadjah Mada.
- Prihantama. 2019. Berantas DBD, Bupati Sleman Luncurkan Instruksi Bupati. *Dinas Kesehatan Kabupaten Sleman*. <https://dinkes.slemankab.go.id/berantas-dbd-bupati-sleman-luncurkan-instruksi-bupati.html>. Diakses 27 April 2020.
- Primadani, A.T., Hadi, U.K., dan Satrija, F. 2020. Habitat *Aedes aegypti* dan *Aedes albopictus* sebagai Vektor Potensial Demam Berdarah Dengue di Kecamatan Ranomeeto Barat, Provinsi Sulawesi Tenggara. *Aspirator*, 12 (2): 123-136.
- Purnama, C. 2019. Laporan Akuntabilitas Kinerja Instansi Pemerintah Dinas Kesehatan Tahun 2018. *Dinas Kesehatan Kabupaten Sleman*. <https://dinkes.slemankab.go.id/informasi-setiap-saat>. Diakses 27 April 2020.
- Rahayu, A., Saraswati, U., Supriyati, E., Kumalawati, D.A., Hermantara, R., Rovik, A., et al. 2019. Prevalence and Distribution of Dengue Virus in *Aedes aegypti* in Yogyakarta City before Deployment of *Wolbachia* Infected *Aedes aegypti*. *Int. J. Environ. Res. Public Health*, 2019 (16): 1742.
- Rahman, M.S. dan Sofiana, L. 2016. Perbedaan Status Kerentanan Nyamuk *Aedes aegypti* terhadap Malathion di Kabupaten Bantul Yogyakarta. *Kemas*, 11 (2).
- Rahmi, A.R. dan Sari, P. 2017. Relationship between the population density and the occurrence of dengue hemorrhagic fever in Palu at 2010-2014. *Jurnal Ilmiah Kedokteran*, 4 (1): 49-58.
- Seixas, G., Grigoraki, L., Weetman, D., Vicente, J.L., Silva, A.C., Pinto, J., et al. 2017. Insecticide resistance is mediated by multiple mechanisms in recently introduced *Aedes aegypti* from Madeira Island (Portugal). *PLoS*

*Negl Trop Dis*, 11 (7): 1–16.

- Setyana, M.K.R., Mulyaningsih, B., dan Umniyati, S.R. 2014. Deteksi Peningkatan Aktivitas Enzim Esterase Non-spesifik pada Nyamuk *Aedes aegypti* yang Berasal dari Daerah Plosokuning, Minomartani, Depok, Sleman [skripsi]. Yogyakarta: Universitas Gadjah Mada.
- Su, X., Guo, Y., Deng, J., Xu, J., Zhou, G., Zhou, T., *et al.* 2019. Fast emerging insecticide resistance in *Aedes albopictus* in Guangzhou, China: Alarm to the dengue epidemic. *PLoS Negl Trop Dis*, 13 (9): e0007665.
- Subri, S.B.M. dan Umniyati, S.R. 2013. Transovarial Transmission of Dengue Virus Detected by Immunohistochemical Assay and Reverse Transcription-Polymerase Chain Reaction in Plosokuning, Sleman, Yogyakarta. Yogyakarta: Universitas Gadjah Mada.
- Sudiharto, M., Udiyono, A., dan Kusariana, N. 2020. Status Resistensi *Aedes aegypti* terhadap Malathion 0,8% dan Sipermetrin 0,05% di Pelabuhan Pulau Baai Kota Bengkulu. *Jurnal Kesehatan Masyarakat*, 8 (2): 243-249.
- Susanti dan Suharyo. 2017. Hubungan Lingkungan Fisik dengan Keberadaan Jentik *Aedes* pada Area Bervegetasi Pohon Pisang. *Unnes Journal of Public Health*, 6 (4): 271-276.
- Sutanto, I., Ismid, I.S., Sjarifuddin, P.K., dan Sungkar, S. 2008. *Parasitologi Kedokteran Edisi Keempat*. Balai Penerbit FKUI: Jakarta.
- Valles, S.M. dan Koehler, P.G. 2020. Insecticides Used in the Urban Environment: Mode of Action. *Pests in and around the Southern Home*, pp. 1–4.
- Widiastuti, D. dan Ikawati, B. 2016. Resistensi Malathion dan Aktivitas Enzim Esterase pada Populasi Nyamuk *Aedes aegypti* di Kabupaten Pekalongan. *BALABA*, 12 (2): 61-70.
- Widiastuti, D., Ikawati, B., Martini, dan Wijayanti, N. 2017. Biochemical characterization of insecticide resistance and exposure in *Aedes aegypti* population from Wonosobo (a new highland Dengue endemic area), Central Java, Indonesia. *Health Science Journal of Indonesia*, 8 (2): 74-80.
- Widyatama, E.F. 2018. Faktor Risiko yang Berpengaruh terhadap Kejadian Demam Berdarah Dengue di Wilayah Kerja Puskesmas Pare. *Jurnal Kesehatan Lingkungan*, 10 (4): 417-423.
- Yanti, T.S., Windarso, H.S.E., dan Herawati, L. 2019. Efektivitas Ketinggian Kain Strimin pada Modifikasi Larvitrap terhadap Daya Jebak Larva *Aedes sp.* [skripsi]. Yogyakarta: Poltekkes Kemenkes Yogyakarta.