

## Daftar Pustaka

- Achmadi, U.F. 2010. Manajemen Penyakit Berbasis Wilayah. Universitas Indonesia. Jakarta
- Adnan, A. Z. Gusmali, D. M., Mukhtar M. H. 2001. Antimalarial Activity of *Tinocrisposide* Compound In Vivo. *Cermin Dunia Kedokteran*. 131 : 27-31
- Anies. 2006. *Manajemen Berbasis Wilayah (Solusi Mencegah dan Menanggulangi Penyakit Menular)*. Jakarta
- Alim, 2013. Mencit (*Mus Musculus*) dan Klasifikasinya, [online] [Accessed 19 Nov 2015] Available from : <http://www.biologi-sel.com/2013/10/mencit-mus-musculus-dan-klasifikasinya.html>.
- Alimudiarnis. 2009. *Manifestasi Klinis dan Penatalaksanaan Malaria Berat*. Subbagian Tropik Infeksi Bagian Penyakit Dalam RS M. Djamil Padang. 5 -14
- Arsunan A. 2013. Hubungan Penggunaan Kelambu Berinsektisida dengan Kejadian Malaria di Kabupaten Halmahera Timur. 1 , (3) : 170
- Birdsall T. C., Kelly G. S. 1997. Berberine: Therapeutic potential of an alkaloid found in several medicinal plants. *Altern Med Rev* 2: 94–103
- Carlos J, L., Carneiro, J., Kelly, R. 1997. *Histologi Dasar*, Penerbit Buku Kedokteran EGC, Jakarta
- Cdc.gov. 2012. CDC - DPDx - Malaria. [online]. [Accessed 22 November 2015]. Available from: <http://www.cdc.gov/dpdx/malaria/>
- Chantong, B., Kampeera, T., Sirimanapong, W., 2008. Aktivitas Antioksidan Brotowali. [online] [Accessed 1 maret 2016] Available at : [http://www.actahort.org/members/showpdf?booknramr=786\\_9](http://www.actahort.org/members/showpdf?booknramr=786_9)
- Clemmer, L., Martins, Y. C., Zanini, G. M., Frangos, J. A., Carvalho, L. J. M. 2011. Artemether and Artesunate Show the Highest Efficacies in Rescuing Mice with Late-Stage Cerebral Malaria and Rapidly Decrease Leukocyte Accumulation in the Brain. 55, (4), 1383-1389
- Cowan, M.M. 1999. *Plant Product as Antimicrobial Agents*. Oxford. Miami University. p. 331
- Dalimartha, S. 2005. *Ramuan Tradisional untuk Pengobatan Diabetes Mellitus*. Jakarta: Penebar Swadaya.

- Dalimartha S. 2008. Atlas Tumbuhan Obat Indonesia. Edisi 4. Puspa Swara, Anggota Ikapi. Jakarta.
- Depkes RI, 2008. Profil Kesehatan Indonesia 2008. [online] Available at : <http://www.depkes.go.id> [Accessed 17 Oct. 2015].
- Ditjen PP dan PL Depkes RI. 2009. Buletin Jendela Data dan Informasi Kesehatan Epidemiologi Malaria di Indonesia
- Dweck, A.C and Cavin, J.P. 2005. Andawali (*Tinospora crispa*) - A Review. Online.([http://www.dweckdata.com/Published\\_papers/Tinospora\\_crispa.pdf](http://www.dweckdata.com/Published_papers/Tinospora_crispa.pdf))(Accessed 16 Nov. 2015).
- Efruan, M., Riskiyani, S. and Rahman, M. 2013. Perilaku Masyarakat dalam Upaya Pencegahan Penyakit Malaria di Wilayah Kerja Puskesmas *UN Kota Tual*, pp.1-2.
- Gingras BA and Jensen JB. 1993. Antimalarial activity of azithromycin and erythromycin against *Plasmodium berghei* in mice. *Am. J. Trp. Med. Hyg.* 49: 101-105. Harbone JB. 198
- Harahap, E. M. 2012. Gambaran Pengetahuan Keluarga Tentang Pencegahan Penyakit Malaria Di Desa Tolang Jae Kecamatan Sayur Matinggi Kabupaten Tapanuli Selatan.
- Hariyanto. 2011. Malaria, Epidemiologi, Patogenesis, Manifestasi Klinis dan Penanganan. Jakarta: ECG
- Healthline, 2015. *Intramuscular Injection*. [online] Available at: <http://www.healthline.com/health/intramuscular-injection#Purpose2> [Accessed 16 Oct. 2015].
- Ihwan, Rifa'i M. and Fitri, L. E. 2014. Uji Anti Plasmodium Ekstrak Batang *Tinospora crispa* terhadap *Plasmodium falciparum* Galur 3D7 secara In Vitro. *Jurnal Kedokteran Brawijaya*, 28(2).
- Isnawati A., and Gitawati R. 2009. Analisis Kuantitatif Artemisinin dari Ekstrak Metanol Tanaman *Artemisia Annu L*. Menggunakan Densitometer. *Jurnal Kefarmasian Indonesia* 1, (1): 33-34
- Jambou, R., El-Assaad, F., Combes, V. and Grau, G. 2011. In vitro culture of *Plasmodium berghei*-ANKA maintains infectivity of mouse erythrocytes inducing cerebral malaria. *Malar J*, 10(1) : 346.
- Johnson, Mary, 2012, Laboratory Mice and Rats. *Materials and Methods*. 2012. Vol. 2. DOI 10.13070/mm.en.2.113. Synatom Research, LLC

Jerry. 2006. Pages – Source Reduction. [online] Available at:  
<http://www.galvestoncountytexas.gov/cs/mc/Pages/Source-Reduction.aspx>

[Accessed 20 Dec. 2015]

Kemkes RI (Kementerian Kesehatan Republik Indonesia). 2012. Pedoman Tata Laksana Malaria. Jakarta

Kresnady, B. 2001. Khasiat dan Manfaat Brotowali : Si Pahit yang Menyembuhkan. Jakarta: Agro Media Pustaka.

Levine N D. 1990. Parasitologi Veteriner. Terjemahan Gatut Ashadi. Gajah Mada University Press.

Malole, M.B.M. and Pramono, C.S.U. 1989. Pengantar Hewan-Hewan Percobaan di Laboratorium. Bogor. Pusat Antara Universitas Bioteknologi IPB.

Mead R. 1988. The design of experiments. Cambridge, New York: Cambridge University Press.

Muti'ah, R., Enggar F, L., Winarsih, S. and Simamora, D. 2010. Kombinasi Ekstrak Batang Talikuning dan Artemisin sebagai Obat Antimalaria terhadap Plasmodium berghei. Jurnal Kedokteran Brawijaya. 26(1) : 9

Pachaly P., Adnan A. Z., and Will G. 1992. NMR Assignments of N-acetylporphine Alkaloid from *Tinospora crispa*. Planta medica. 58, (2):184-187

Perry L. M., Metzger J. 1980. Medicinal Plant of East and Southeast Asia. The Massachusetts Institute of Technology Press. Cambridge. p. 367

PrayGod, G., de Frey, A. dan Eisenhut, M. 2008. *Artemisinin derivatives versus quinine in treating severe malaria in children: a systematic review*. Malar J, 7(1), 210.

Price, RN, Douglas, NM .2009. 'Artemisinin combination therapy for malaria: beyond good efficacy', *CID* . 49, 1638-40

Procedureswithcare.org.uk, 2015. Intramuscular Injection in the Rat – Procedures With Care. [online] Available at:  
<http://www.procedureswithcare.org.uk/intramuscular-injection-in-the-rat/>  
[Accessed 16 Oct. 2015].

Protists.ensembl.org, 2015. *Plasmodium berghei* - Ensembl Genomes. [online] Available at: [http://protists.ensembl.org/Plasmodium\\_berghei/Info/Index](http://protists.ensembl.org/Plasmodium_berghei/Info/Index)  
[Accessed 15 Oct. 2015].

- Purwaningsih, S. 2000. Diagnosis Malaria. Dalam: Harijianto PN (ed.) Malaria, Epidemiologi, Patogenesis, Manifestasi Klinis dan Penanganan. Jakarta: ECG
- Putra, S. E. 2007. Alkaloid : Senyawa Organik Terbanyak di Alam. [online] available at: ([http://www.chem-is-try.org/artikel\\_kimia/biokimia/alkaloid\\_senyawa\\_organik\\_terbanyak\\_di\\_alam/](http://www.chem-is-try.org/artikel_kimia/biokimia/alkaloid_senyawa_organik_terbanyak_di_alam/)) [Accessed 20 Oct. 2015]
- Saptorini, E. 2007. Morfologi Brotowali dan Efek Brotowali sebagai Obat Antitumor. Senior 71. Jakarta
- Sennang, N., Naid, T. and Attamimi, F. 2012. Kadar Hemoglobin dan Densitas Parasit pada Penderita Malaria di Lombok Tengah, 3(3), pp.298-304.
- Suryawati, S. and Suprpti, H. 2007. Efek Anti Malaria Ekstrak Brotowali (*Tinospora Crispa*) pada Mencit yang di Infeksi *Plasmodium berghei*. Jurnal Kedokteran Wijaya Kusuma. 1(1).
- Setiawati, A. dan F.D. Suyatna. 1995. Pengantar Farmakologi Dalam "Farmakologi dan Terapi". Edisi IV. Editor: Sulistia G.G. Jakarta: Gaya Baru. Hal. 3-5.
- Soemirat. 2009. Epidemiologi Lingkungan. Gadjah Mada University Press, Yogyakarta
- Soedarmilah, S. 1999. Jamu Jawa Asli. Bandung : PT. Remaja Rosdakarya Offset.
- Soedarto. 2011. Buku Ajar Parasitologi Kedokteran. Jakarta : Sagung Seto;p.256-259
- Somsak, V., Jaihan, U., Srichairatanakool, S. and Uthaipibull, C. 2013. Protection of renal function by green tea extract during Plasmodium berghei infection. Parasitology International, 62(6): 548-551.
- Syukur, C. 1999. Tanaman Obat Komersial. Jakarta: Penebar Swadaya dan Hernani
- Tapan, E., 2004. Flu, HFMD, Diare pada Pelancong, Malaria, Demam Berdarah dan Tifus. Jakarta : Pustaka Populer Obor.
- Turner, P. V., Brabb, T., Pekow, C., & Vasbinder, M. A. 2011. Administration of Substances to Laboratory Animals: Routes of Administration and Factors to Consider. Journal of the American Association for Laboratory Animal Science : JAALAS, 50(5) : 600–613.

- Umi K. Y., and Noor H. 1995. Flavone-O-glycosides from *Tinospora crisp*. *Fitoterapia* 66(3): 280
- Utomo, N. K. Wardhani dan J.B. Schiere (1987). Grati. Proceeding Bioconversion Project Second Workshop on Crop Residues for Feed and Other Purposes, p: 75-85.
- US National Institutes of Health, 2015. Mouse injections - Bi methodology for Laboratory Mice. [online] Available at: [http://www.theodora.com/rodent\\_laboratory/injections.html](http://www.theodora.com/rodent_laboratory/injections.html) [Accessed 16 Oct. 2015].
- Widoyono. 2005. Penyakit Tropis: Epidemiologi, Penularan, Pencegahan & Pemberantasannya. Erlangga Medical Series (EMS). Semarang
- White, 2007. Artemisinin Based Combination Treatment of Falciparum Malaria. *Am J Trop Med Hyg.* 2007; 6:181-192
- WHO, 2009. Infectious Diseases of Potential Risk for Travellers. WHO : Geneva. 2009
- WHO, 2010. Global Report on Antimalarial Drug Efficacy and Drug Resistance: 2000 – 2010. Geneva, Switzerland.
- WHO/SEARO. 2011. *What is Malaria?* <http://www.searo.who.int/EN/Section10/Section21/Section334.htm>. WHO Regional Office for South-East Asia, New Delhi, India.
- WHO, 2013. *World Malaria Report 2012 Summary*. WHO : Geneva. 2012
- WHO (World Health Organization). 2014. *World Malaria Report*. WHO Press, Switzerland
- WHO, 2015. *Malaria*. [online] Available at: <http://www.who.int/mediacentre/factsheets/fs094/en/> [Accessed 15 Oct. 2015].
- Zein, U. 2005. Penanganan Terkini Malaria Falciparum. FK-USU. Sumatra Utara