

## DAFTAR PUSTAKA

- Anies. 2009. *Cepat Tua Akibat Radiasi*. Jakarta: Elex Media Komputindo.
- Arif, N.J., Yahya, A., Hamid, A.M., Yaakob, H., Zulkifli, R.M., 2014. Development of lightening cream from mangosteen pericarp extract with olivoil emulsifier. *Internastional Conference on Education Research and Innovation (IPEDR)*. IACSIT Press. Singapore. 68.10
- Baumann, L., Saghari, S. 2009. Basic Science of Epidermis. In Baumann, L., Saghari, S., Weisberg, E., editors. *Cosmetic Dermatology*. 2nd edition. New York: McGraw Hill. p 3-6.
- Brenner, M., Hearing, V.J. 2008. The Protective Role of Melanin Against UV Damage in Human Skin. *Photochem Photobiol.*; 84(3): 539–549.
- Briganti, S., E. Camera, M. Picardo. 2003. Chemical and instrumental approaches to treat hyperpigmentation. *Pigment Cellular Research*, 16: 101-110.
- Bruce, S. 2013. Safety and Efficacy of a Novel Multimodality Hydroquinone-Free Skin Brightener Over Six Months. Available from: <http://jddonline.com/articles/dermatology/S1545961613S0027X#close>.
- Chen, L.G., Yang, L.L., Wang, C.C. 2008. Anti-inflammatory activity of mangostins from *Garcinia mangostana*. *Food Chem Toxicol.* 46(2):688-93.
- Costin GE, Hearing VJ. 2007. *Human skin pigmentation: Melanocytes modulate skin color in response to stress*.
- Dail, D.H. dan Hammar, S.P., 2013. *Dail and Hammar's Pulmonary Pathology*. Springer Science+ Business Media, LLC. p. 192.
- Darayanthi, M.Y.D., 2015. Aktivitas Perlindungan Masker Gel Peel Off Ekstrak Kulit Buah Manggis (*Garcinia Mangostana L.*) Terhadap Sinar UV-B Secara InVivo. Skripsi. Universitas Udayana.
- DepKes RI, 2015. *Farmakope Indonesia*. Jakarta: Dirjen POM Depkes RI
- Draeos, Z.D. 2007. Skin lightening preparations and the hydroquinone controversy. *Dermatol Ther.*; 20(5):308-313.

- Fitrah, S.I.H., Lintong, P.M., Loho, L.L. 2015. Pengaruh pemberian umbi bengkuang (*Pachyrrhizus erosus l urban*) terhadap jumlah pigmen melanin kulit mencit (*Mus musculus*) yang dipaparkan sinar matahari. *Jurnal e-Biomedik (eBm)*, volume 2 Nomor 1. 216-220.
- Fitri. E.W., Anis Irawan Anwar, Khairuddin Djawad, Arifin Seweng, Husni Changara, Gemini Alam. The Effectiveness of Topical Mangosteen Pericarp Extract on the Collagen of Mice Skin Exposed to Ultraviolet B. *American Journal of Clinical and Experimental Medicine*. Vol. 4, No. 3, 2016, pp. 88-93. doi: 10.11648/j.ajcem.20160403.19.
- Fletcher, C.D.M. 2013. *Diagnostic Histopathology of Tumors*. 4<sup>th</sup> Edition, Volume 2. Philadelphia: Elsevier Saunders. p. 927.
- Harun, D.S.N. 2014. Formulasi dan Uji Aktivitas Antioksidan Krim Anti-Aging Ekstrak Etanol 50% Kulit Buah Manggis (*Garcinia mangostana L.*) dengan Metode DPPH (1,1-Diphenyl-2-Picril Hydrazil). Skripsi. UIN Syarif Hidayatullah Jakarta.
- Hastininingsih, I. 2014. Krim Ekstrak Etanol Kulit Batang Pohon Nangka (*Artocarpus heterophilus*) Sama Efektifnya dengan Krim Hidrokuinon dalam Mencegah Peningkatan Jumlah Melanin pada Kulit Marmut (*Cavia porcelus*) yang Dipapar Sinar UVB. Thesis. Denpasar: Universitas Udayana.
- Helfrich, Y.R., Sachs, D.L., Voorhees, J.J. 2008. Overview of Skin Aging and Photoaging. *Dermatology Nursing*, Vol. 20/No. 3. 177-183..
- Ibrahim, M.Y., Hashim, N.M., Mariod, A.A., Mohan, S., et al., 2016.  $\alpha$ -Mangostin from *Garcinia mangostana* Linn: An updated review of its pharmacological properties. *Arabian Journal of Chemistry*. Vol. 9, Issue 3; 317-329.
- Ichihashi, M., Ando, H., Yoshida.M., Niki, Y., Matsui, M. 2009. Photoaging of the Skin. *Journal of Anti Aging Medicine*. 6(6):46-59.
- Ivic, N.P., Miri, L., Arija, A., Karlica, D., Marasovi, D. 2008. Modern Approach to Topical Treatment of Aging Skin. *Coll. Antropol.* 34 (3): 1145–1153.
- Jung, H.A., Su, B.N., Keller, W.J., Mehta, R.G., Kinghorn, A.D. 2006. Antioxidant xanthenes from the pericarp of *Garcinia mangostana* (Mangosteen). *J. Agric. Food Chem.*, 54, 2077-2082.

- Kariosentono, H. 2018. Kelainan Pigmentasi Kulit Dan Penuaan Dini Serta Peran Pendidikan Kedokteran Dibidang Ilmu Kesehatan Kulit & Kelamin. [https://Eprints.Uns.Ac.Id/945/1/Pengukuhan\\_Harijono.Pdf](https://Eprints.Uns.Ac.Id/945/1/Pengukuhan_Harijono.Pdf). dikutip 15 Januari 20158.
- Kindred C, Halder RM. 2010. Pigmentation and skin of color. In: Draeos ZD, editor. *Cosmetic Dermatology Products and Procedures* (1st ed). New Jersey: Wiley-Blackwel; p. 27-35.
- Lee, C.H., Wu, S.N., Hong, C.H., Yu, H.S., Wei, Y.H. 2013. Review: Molecular Mechanisms of UV-Induced Apoptosis and Its Effects on Skin Residential Cells: The Implication in UV-Based Phototherapy *Int. J. Mol. Sci.*, 14(3), 6414-6435; doi:10.3390/ijms14036414.
- Lewis D. A., Spandau D. F. 2007. UVB-induced activation of NF- $\kappa$ B is regulated by the IGF-1R and dependent on p38 MAPK. *J. Invest. Dermatol.* (*in press*). doi: 10.1038/sj.jid5701127.
- Lewis, D.A., Yi, Q., Travers, J. B., & Spandau, D. F. 2008. UVB-induced Senescence in Human Keratinocytes Requires a Functional Insulin-like Growth Factor-1 Receptor and p53. *Molecular Biology of the Cell*, 19(4), 1346–1353. <http://doi.org/10.1091/mbc.E07-10-1041>.
- Lubis, R.D. 2008. *Penatalaksanaan Solar Lentigenes*. Departemen Ilmu Kesehatan Kulit dan Kelamin. FK USU.
- McGlade JP, Gorman S, Lenzo JC, Tan JW, Watanabe T, *et al.* 2007. Effecitu of both ultraviolet B irradiation and histamine receptor function on allergic responses to an inhaled antigen. *J Immunol* 178: 2794-2802
- Merghoub, T., Houghton, A.N., *et al.*, 2008. *Molecular Biology of Melanoma. In The Molecular Basis of Cancer (Third Edition)*. Elsevier.
- Misnadiarly, A.S. 2006. Faktor-Faktor yang Berpengaruh terhadap Kerusakan Kulit. *Cermain Dunia Kedokteran*, 152, 43-45.
- Mooi WJ, Krausz T. 2007. Techniques and practical consideration. Dalam: Mooi WJ KT, penyunting. *Pathology of melanocytic disorders*. Edisi ke-2. New Yok: Oxford University Press;.h.19-40.
- Naoui, M., Riederer, P., *et al.*, 2010. *Encyclopedia of Movement Disorders. Characteristics of Melanin and Neuromelanin (NM) – Similarity and Dissimilarity*. Elsevier.

- Obolskiy, D. Pischel, I. Siriwatanametanon, N. Heinrich, M. 2009. *Garcinia mangostana* L.: A phytochemical and pharmacological review. *Phytother. Res.*, 23, 1047–1065.
- Pandel, R., Poljsak, B., Godic, A., Dahmane, R. 2013. Skin Photoaging and The Role of Antioxidants in Its Prevention. *International Scholarly Research Notices. ISRN Dermatology* Vol. 2013(2013), Article ID 930164.
- Pérez-Rojas, J.M., Cruz, C., García-López, P., Sánchez-González, D.J., Martínez-Martínez, C.M., Ceballos, G., Espinosa, M. Meléndez-Zajgla, J., Pedraza-Chaverri, J. 2009. Renoprotection by  $\alpha$ -mangostin is related to the attenuation in renal oxidative/nitrosative stress induced by cisplatin nephrotoxicity. *Free Radical Res.*, 43, 1122-1132.
- Pouillot A, Polla LL, Tacchini P, et al. 2011. Natural antioxidants and their effects on the skin. In: Dayan N, Kromidas L, editors. *Formulating, packaging, and marketing of natural cosmetic products*. John Wiley & Sons Inc., New Jersey, p. 239-57
- Ray, P.K. 2002. *Breeding Tropical and Subtropical Fruits*. p. 302.
- Rosenberg, L.E., Rosenberg, D.D., 2012. Single Gene Defects. In *Human Genes and Genomes*. Elsevier.
- Rowley Biochemical Inc. 2018. J-604, Lillie's Method For Ferric And Ferrous Iron. Danvers Industrial Park 10 Electronics Avenue, Danvers Ma 01923.
- Sallika NS. 2010. *Serba Serbi Kesehatan Perempuan: Apa yang Perlu Kamu Tahu tentang Tubuhmu*.
- Sarin T., Amornrat V., Suwanna V., Sathaporn N., Sunit S. 2009. Antityrosinase and antibacterial activities of mangosteen pericarp extract. *J Health Res* 23(2): 99-102.
- Schalka, S., dos Reis, V.M.S. 2011. Sun protection factor: meaning and controversies. *An Bras Dermatol.*; 86(3):507-15
- Shai, A., H. I. Maibach, and R. Baran. 2009. *Handbook Of Cosmetic Skin Care*. Second Edition. London : Informa Healthcare. Pp. 56-58.

- Schmidt, E. 2016. Azelaic Acid is an Effective and Safer Alternative to Hydroquinone in Treating Mild to Moderate Melasma in Women. School of Physician Assistant Studies. *Paper 577*.
- Sukmawati, N.M.A., Arisanti, C.I.S., Wijayanti, N.P.A.D. 2013. Pengaruh Variasi Konsentrasi PVA, HPMC, dan Gliserin terhadap Sifat Fisika Masker Wajah Gel Peel Off Ekstrak Etanol 96% Kulit Buah Manggis (*Garcinia Mangostana L.*). *Jurnal Farmasi Udayana*. 36-42
- Susanti, M., Dachriyanus, Putra, D.P., 2012. Aktivitas Perlindungan Sinar UV Kulit Buah *Garcinia mangostana Linn* secara In Vitro. *PHARMACON*, Vol. 13, No. 2, 61-64.
- Suttirak, W., Manurakchinakorn, S. 2014. In vitro antioxidant properties of mangosteen peel extract. *Journal of Food Science and Technology*, 51(12), 3546–3558.
- Svobodova, A., Walterova, D., Vostalova, J. 2006. Ultraviolet light induced alteration to the skin. *Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub.* ;150(1):25-38.
- Tran, N.T., Schulman, J., Fisher, D.E. 2008. UV and pigmentation: molecular mechanisms and social controversies. *Pigment Cell Melanoma Res.*; 21(5): 509–516.
- Trifena. 2012. Analisis uji in vitro dan in vivo ekstrak kombinasi kulit manggis (*Garcinia mangostana L.*) dan pegagan (*Centella asiatica L.*) sebagai krim antioksidan. Tesis. Magister Herbal Depok.
- Utami, N.L.W.S. 2014. Pengaruh Waktu Penyimpanan Terhadap Aktivitas Antioksidan Ekstrak dan Masker Gel Peel off Kulit Buah Manggis (*Garcinia mangostana L.*). (Skripsi). Bali: Jurusan Farmasi FMIPA Universitas Udayana
- Videira, I.F., Moura, D.F., Maquina, S. 2013. Mechanisms Regulating Melanogenesis. *An Bras Dermatol.*;88(1):76-83.
- World Health Organization. 2019. The known health effects of UV. <https://www.who.int/uv/faq/uvhealthfac/en/>. Dikutip 16 Februari 2019.

Wijayanti, N.P.A.D. Ratnayanti, IG.A.D. Wardhana, M.A. Aini, Z, Putri, C.M.A., 2016. Efektivitas Perlindungan Masker Gel Peel Off Ekstrak Etanol 96% Kulit Buah Manggis (*Garcinia mangostana* L.) Dalam Mempertahankan PH Kulit Tikus Wistar Jantan yang Diberi Paparan Sinar UV-B. *Jurnal Farmasi Udayana*. Vol. 5, No.1-7.

Yatman, E. 2012. Kulit Buah Manggis Mengandung Xanton yang Berkhasiat Tinggi. *Wawasan Widya Universitas Borobudur* No. 324: 2-9.