

DAFTAR PUSTAKA

- Aliana. Mol Plant Pathol. 20(7):1005–1012. doi:10.1111/mpp.12799. John Y, Faizal A. 2018. Journal of Agricultural Science Transient Transformation of Potato Plant (. 40:313–319.
- Alrich, P., W. Higgins. 2014. *Phalaenopsis amabilis* (Linnaeus) Blume. Bijdragen tot de Flora van. *Nederlandsch Indie*. 24: 18-21.
- Ansari AM, Ahmed AK, Matsangos AE, Lay F, Born LJ, Marti G, Harmon JW, Sun Z. 2016. Cellular GFP Toxicity and Immunogenicity: Potential Confounders in in Vivo Cell Tracking Experiments. Stem Cell Rev Reports. 12(5):553–559. doi:10.1007/s12015-016-9670-8. <http://dx.doi.org/10.1007/s12015-016-9670-8>.
- Antriana N. 2014. ISOLASI BAKTERI ASAL SALURAN PENCERNAAN RAYAP (*Macrotermes* spp.). Saintifika. Volume16:hlm. 18 – 28.
- Ashraf M, Ahmad MSA, Öztürk M, Aksoy A. 2012. Crop production for agricultural improvement.
- Atiq G, Raheem MA, Iqbal RK. 2020. Plant Transformation in Biotechnology Plant Transformation in Biotechnology. (November).
- Bagus D, Satria R, Sugiharto B, Restanto DP, Biologi J, Agroteknologi J, Pertanian F. 2015. (SoSPS1 Gene Transformation Using *Agrobacterium tumefaciens* Vector and Shoot Apex Explant of Indica Rice cv . Inpari 14 SS).
- Baker CJ, Smith J, Rice C. 2020. Apoplast redox metabolism: Effect of acetovanillone (apocynin) and acetosyringone, on their co-oxidation and redox properties. Physiol Mol Plant Pathol. 110(October 2019). doi:10.1016/j.pmpp.2020.101481.
- Becerra SC, Roy DC, Sanchez CJ, Christy RJ, Burmeister DM. 2016. An optimized staining technique for the detection of Gram positive and Gram negative bacteria within tissue. BMC Res Notes. 9(1):1–10. doi:10.1186/s13104-016-1902-0.
- Ben-Amar A, Cobanov P, Buchholz G, Mliki A, Reustle G. 2013. In planta agro-infiltration system for transient gene expression in grapevine (*Vitis* spp.). Acta Physiol Plant. 35(11):3147–3156. doi:10.1007/s11738-013-1348-0.
- Bourras S, Rouxel T, Meyer M. 2015. *Agrobacterium tumefaciens* gene transfer: How a Plant pathogen hacks the nuclei of plant and nonplant organisms. Phytopathology. 105(10):1288–1301. doi:10.1094/PHYTO-12-14-0380-RVW.

- Brenner RK, Hess KR, Morford JL. 2015. Understanding Electrophoresis through the Investigation of Size, Shape, and Charge of pH Indicators. *J Chem Educ.* 92(10):1705–1708. doi:10.1021/ed500223d.
- Chan KY, Hei Y, Kwong H, Szeto DM. 2022. Green Fluorescent Protein: Its Development, Protein Engineering, and Applications in Protein Research. *J Young Investig.* 25(3):19–32. doi:10.22186/25.3.1.1.
- Chen Ji, Wang L, Chen Jianbin, Huang J, Liu F, Guo R, Yang L, Grabon A, Zhao K, Kong F, *et al.* 2018. *Agrobacterium tumefaciens*-mediated transformation system for the important medicinal plant *Dendrobium catenatum* Lindl. *Vitr Cell Dev Biol - Plant.* 54(3):228–239. doi:10.1007/s11627-018-9903-4.
- Comber, J.B.1990. *Orchids of Java*. London: Bentham-moxon Trust. The Royal Botanic Garden.
- Dan Y, Zhang S, Matherly A. 2016. Regulation of hydrogen peroxide accumulation and death of *Agrobacterium*- transformed cells in tomato transformation Regulation of hydrogen peroxide accumulation and death of *Agrobacterium* -transformed cells in tomato transformation. *Plant Cell, Tissue Organ Cult.* 127(1):229–236. doi:10.1007/s11240-016-1045-y.
- Dewanto HA, Suhandono S. 2001. TRANSFORMASI MENGGUNAKAN *Agrobacterium tumefaciens* PADA TUNAS DAUN *Kalanchoe mortagei* DAN *Kalanchoe daigremontiana* 1 DAN 2.
- Din Mufti FU, Aman S, Banaras S, Shinwari ZK, Shakeel S. 2015. *ACTIN* gene identification from selected medicinal plants for their use as internal controls for gene expression studies. *Pakistan J Bot.* 47(2):629–635.
- Dos Santos Júnior V, Nizoli É, Galvan D, Gomes RJ, Biz G, Ressutte JB, Rocha T de S, Spinosa WA. 2022. Micronutrient requirements and effects on cellular growth of acetic acid bacteria involved in vinegar production. *Food Sci Technol.* 42:1–10. doi:10.1590/fst.05121.
- Dressler, R. L. 1993. *Phylogeny and Classification of the Orchid Family*. In *The Quarterly Review of Biology*.
- Dwiyani, R. 2015. *Kultur Jaringan Tanaman*. Penerbit Pelawa Sari, Bali.
- Dwiyani R, Yuswanti H, Mercuriani IS, Semiarti DANE. 2016. Transformasi Gen Pembungaan melalui *Agrobacterium tumefaciens* Secara In-Vitr o pada Tanaman Anggrek *Vanda tricolor* In Vitro Transformation of Flowering Gene through *Agrobacterium*. 6(1):83–89.
- Giri Putra LA, Yonathan CJ, Niedhatrata NI, Rizka Firdaus MH, Yoewono JR. 2020. A review of the development of Polymerase Chain Reaction

technique and its uses in Scientific field. *Stannum J Sains dan Terap Kim.* 2(1):14–30. doi:10.33019/jstk.v2i1.1619.

Gnasekaran P, Subramaniam S. 2015. Mapping of the Interaction Between *Agrobacterium tumefaciens* and Vanda Kasem's Delight Orchid Protocorm-Like Bodies. *Indian J Microbiol.* 55(3):285–291. doi:10.1007/s12088-015-0519-7. <http://dx.doi.org/10.1007/s12088-015-0519-7>.

Gummadi S, Kandula VN. 2020. A Review on Electrophoresis, Capillary Electrophoresis and Hyphenations. *Int J Pharm Sci Res.* 11(12):6038. doi:10.13040/IJPSR.0975-8232.11(12).6038-56.

Gust AA, Pruitt R, Nürnberger T. 2017. Sensing Danger: Key to Activating Plant Immunity. *Trends Plant Sci.* 22(9):779–791. doi:10.1016/j.tplants.2017.07.005.

Guy E, Boulain H, Aigu Y, Le Pennec C, Chawki K, Morlière S, Schädel K, Kunert G, Simon JC, Sugio A. 2016. Optimization of agroinfiltration in *pisum Sativum* provides a new tool for studying the salivary protein functions in the pea aphid complex. *Front Plant Sci.* 7(AUG2016):1–9. doi:10.3389/fpls.2016.01171.

Hall AC. 2019. A comparison of DNA stains and staining methods for Agarose Gel Electrophoresis. *BioRxiv.*:1–9. <http://dx.doi.org/10.1101/568253>.

Handayani T. 2013. Penggunaan *Agrobacterium tumefaciens* sebagai perantara dalam transformasi genetik PA . DA. *Oseana.* 38(4):17–25.

Handini AS, Sukma D, Sudarsono D, Tanaman B, Pascasarjana S, Pertanian Bogor I. 2016. Analisis Keragaman Morfologi dan Biokimia pada Anggrek *Phalaenopsis* (Orchidaceae) Morphological and Biochemical Diversity Analysis on *Phalaenopsis* Orchid (Orchidaceae). *J Agron Indones.* 44(1):62–67.

Holt J.C. dan Bergey, D.H. 1994. *Bergey's Manual of Determinative Bacteriology* 9th ed. Williams & Wilkins, Baltimore. Halaman: 74

Hwang H-H, Yu M, Lai E-M. 2017. *Agrobacterium* -Mediated Plant Transformation: Biology and Applications . *Arab B.* 15(15):e0186. doi:10.1199/tab.0186.

Jadhav KP, Ranjani RV, Senthil N. 2015. Chemistry of Plant Genomic Dna Extraction Protocol. *wwwIndianJournals.com.*(February 2018):543–548.

Janda M, Lamparová L, Zubíková A, Burketová L, Martinec J, Krčková Z. 2019. Temporary heat stress suppresses PAMP-triggered immunity and resistance to bacteria in *Arabidopsis th*

- John Y, Faizal A. 2018. Journal of Agricultural Science Transient Transformation of Potato Plant (. 40:313–319.
- Karami O, Esna-Ashari M, Kurdistani GK, Aghavaishi B. 2009. *Agrobacterium*-mediated genetic transformation of plants: The role of host. Biol Plant. 53(2):201–212. doi:10.1007/s10535-009-0041-z. https://bp.ueb.cas.cz/artkey/bpl-200902-0001_Agrobacterium-mediated-genetic-transformation-of-plants-The-role-of-host.php.
- Khumkarjorn N, Thanonkeo S, Yamada M, Klanrit P, Thanonkeo P. 2017. *Agrobacterium*-mediated transformation of dendrobium orchid with the flavanone 3-hydroxylase gene. Turk J Botany. 41(5):442–454. doi:10.3906/bot-1701-13.
- Krenek P, Samajova O, Luptovciak I, Daskocilova A, Komis G, Samaj J. 2015. Transient plant transformation mediated by *Agrobacterium tumefaciens*: Principles, methods and applications. Biotechnol Adv. 33(6):1024–1042. doi:10.1016/j.biotechadv.2015.03.012. <http://dx.doi.org/10.1016/j.biotechadv.2015.03.012>.
- Kumar A, Pal D. 2016. Green Fluorescent Protein and Their Applications in Advance Research. J Res Eng Appl Sci. 01(01):42–46. doi:10.46565/jreas.2016.v01i01.007.
- Kumlehn J, Serazetdinova L, Hensel G, Becker D, Loerz H. 2006. Genetic transformation of barley (*Hordeum vulgare* L.) via infection of androgenetic pollen cultures with *Agrobacterium tumefaciens*. Plant Biotechnol J. 4(2):251–261. doi:10.1111/j.1467-7652.2005.00178.x.
- Kuta DD, Tripathi L. 2005. *Agrobacterium*-induced hypersensitive necrotic reaction in plant cells: A resistance response against *Agrobacterium*-mediated DNA transfer. African J Biotechnol. 4(8):752–757.
- Leth IK, McDonald KA. 2017. Media development for large scale *Agrobacterium tumefaciens* culture. Biotechnol Prog. 33(5):1218–1225. doi:10.1002/btpr.2504.
- Leuzinger K, Dent M, Hurtado J, Stahnke J, Lai H, Zhou X, Chen Q. 2013. Efficient agroinfiltration of plants for high-level transient expression of recombinant proteins. J Vis Exp.(77):1–9. doi:10.3791/50521.
- Lily, A. L., Harmayani, E., Utami, T., Mardika, P., dan Nurviani, S. 2018. DasarDasar Mikrobiologi Makanan di bidang Gizi dan Kesehatan. Gadjah Mada Univeristy, Yogyakarta. Halaman: 38-39.
- Mahfut. 2019. *Mengenal Anggrek Phalaenopsis dan Penyakit Virus Tanaman*. Penerbit Aura CV. Anugrah Utama Raharja, Lampung. Halaman: 8-9.

- Malabadi RB, Teixeira JA. 2021. Green Fluorescent Protein in the Genetic Transformation of Plants Green Fluorescent Protein in the Genetic Transformation of Plants. (May).
- Manalu Y, Wirawan I, Susrama I. 2014. Isolasi Dan Identifikasi *Agrobacterium tumefaciens* Dari Tanaman Wortel (*Daucus Carota* L.). E-Jurnal Agroekoteknologi Trop (Journal Trop Agroecotechnology). 3(3):119–127.
- Mansfield J, Genin S, Magori S, Citovsky V, Sriariyanum M, Ronald P, Dow M, Verdier V, Beer S V., Machado MA, *et al.* 2012. Top 10 plant pathogenic bacteria in molecular plant pathology. Mol Plant Pathol. 13(6):614–629. doi:10.1111/j.1364-3703.2012.00804.x.
- Mattjik NA. 2010. Budi Daya Bunga Potong dan Tanaman Hias. Purwito A, editor. Bogor: IPB Press.
- Milanda T, Saragih BC, Kusuma SAF. 2014. Detection of Ampicillin Resistance Genes (bla) in Clinical Isolates of *Escherichia coli* with Polymerase Chain Reaction Method. Indones J Clin Pharm. 3(3):98–106. doi:10.15416/ijcp.2014.3.3.98. <http://ijcp.or.id/archives/2014/3/3/IJCP-1201108>.
- Mohammadhassan R, Gene AT, Kashefi B. 2018. *Agrobacterium* -based vectors : a review. (September 2014).
- Nadu T. 2015. RESEARCH ARTICLE EFFECT OF *AGROBACTERIUM* ON GROWTH AND DEVELOPMENT OF *VIGNA MUNGO* L . * Parthiban ,,
- National Center for Biotechnology Information 2022. PubChem Compound Summary for CID 78165, 2-(N-Morpholino) ethanesulfonic acid. Retrieved December 2, 2022, from https://pubchem.ncbi.nlm.nih.gov/compound/2-N-Morpholino_ethanesulfonic-acid.
- Nikmah ZC, Slamet W, Kristanto BA. 2017. Aplikasi silika dan NAA terhadap pertumbuhan Anggrek Bulan (*Phalaenopsis amabilis* l.) pada tahap aklimatisasi. J Agro Complex. 1(3):101. doi:10.14710/joac.1.3.101-110.
- Ningrum EFC, Rosyidi IN, Puspasari RR, Semiarti E. 2017. Perkembangan Awal Protocorm Anggrek *Phalaenopsis amabilis* secara In Vitro setelah Penambahan Zat Pengatur Tumbuh α -Naphtaleneacetic Acid dan Thidiazuron. Biosfera. 34(1):9. doi:10.20884/1.mib.2017.34.1.393.
- Nishimura A, Aichi I, Matsuoka M. 2007. A protocol for *Agrobacterium*-mediated transformation in rice. Nat Protoc. 1(6):2796–2802.

doi:10.1038/nprot.2006.469.

Noman A, Aqeel M, Lou Y. 2019. PRRs and NB-LRRs: From signal perception to activation of plant innate immunity. *Int J Mol Sci.* 20(8). doi:10.3390/ijms20081882.

Norkunas K, Harding R, Dale J, Dugdale B. 2018. Improving agroinfiltration-based transient gene expression in *Nicotiana benthamiana*. *Plant Methods.* 14(1):1–14. doi:10.1186/s13007-018-0343-2. <https://doi.org/10.1186/s13007-018-0343-2>.

Noviantia RA, Nurcahyani E, Lande ML. 2017. Uji Ketahanan Planlet Anggrek Bulan (*Phalaenopsis amabilis* (L.) Bl.) Hasil Seleksi dengan Asam Salisilat Terhadap *Fusarium oxysporum* Secara In Vitro. *J Penelit Pertan Terap.* 17(2):132–137. doi:10.25181/jppt.v17i2.292.

O'Toole GA. 2016. Classic spotlight: How the gram stain works. *J Bacteriol.* 198(23):3128–3128. doi:10.1128/JB.00726-16.

Olszewski B, Stolarczyk K. 2018. Laccase-catalyzed reduction of oxygen at electrodes modified by carbon nanotubes with adsorbed promazine or acetosyringone. *Catalysts.* 8(10):12–15. doi:10.3390/catal8100414.

Panawala L. 2017. Difference Between Gram Positive and Gram Negative Bacteria Stunning images of cells Discover how scientists use Main Difference – Gram Positive vs Gram Negative Bacteria. *Pediaa.* 4(April):13.

Parija, S.C. 2012. *Textbook of Microbiology and Immunology Edisi Ke-2.* Elsevier, New Delhi. Halaman: 24-29.

Pinthong R. 2015. Agroinfiltration for transient gene expression in floral tissues of *Dendrobium Sonia* 'Earsakul' Agroinfiltration for transient gene expression in floral tissues of *Dendrobium Sonia* 'Earsakul' Introduction *Dendrobium* hybrids are important economic cut-. (September). doi:10.13140/RG.2.1.4901.6809.

Pitzschke A. 2013. *Agrobacterium* infection and plant defense-transformation success hangs by a thread. *Front Plant Sci.* 4(DEC):1–12. doi:10.3389/fpls.2013.00519.

Plackett ARG, Huang L, Sanders HL, Langdale JA. 2014. High-efficiency stable transformation of the model fern species *Ceratopteris richardii* via microparticle bombardment. *Plant Physiol.* 165(1):3–14. doi:10.1104/pp.113.231357.

Purnamaningsih R, Gene C, Purnamaningsih R. 2012. Transformasi Genetik Pisang Ambon dengan Gen Kitinase dari Padi. 8(3):97–104.

- Puspaningtyas, D.M, Sofi Mursidawati, Suprih Wijayanti. Studi Fertilitas Anggrek *Paraphalaenopsis serpentilingua* (J.J.Sm.) A.D. Hawkes. 2003. Biodiversitas Vol.7 (3). ISSN: 1412-033X. Hal. 237-241. doi: 10.12057/biodiv/d070308
- Rahardi, F. 1997. *Album tanaman hias Trubus*. Seri 32. Surabaya: Penerbit Surabaya.
- Ramadanti NA, Putri DH. 2019. The Effect of Polyacrilamide Gel Electrophoresis Duration on separation of Cassava SSR PCR Fragments. Bioscience. 3(1):14. doi:10.24036/0201931102868-0-00.
- Rashid H, Yokoi S, Toriyama K, Hinata K. 1996. Transgenic plant production mediated by *Agrobacterium* in Indica rice. Plant Cell Rep. 15:727–730. doi:10.1007/s002990050108.
- Remington SJ. 2011. Green fluorescent protein: A perspective. Protein Sci. 20(9):1509–1519. doi:10.1002/pro.684.
- Richard N. Day MWD. 2009. The fluorescent protein palette: tools for cellular imaging. Int J Pharma Bio Sci. 38(10):2887–2821. doi:10.1039/b901966a.The.
- Sahoo, L. 2010. *Plant Biotechnology Lab Manual*. Depertemen of Biotechnology Indian Institute of Technology Guwahati, Guwahati.
- Semiarti E, Indrianto A, Purwantoro A, Isminingsih S, Suseno N, Ishikawa T, Yoshioka Y, Machida Y, Machida C. 2007. *Agrobacterium*-mediated transformation of the wild orchid species *Phalaenopsis amabilis*. Plant Biotechnol. 24(3):265–272. doi:10.5511/plantbiotechnology.24.265.
- Semiarti, E., Indrianto, A., Purwantoro, A., Martiwi, I. N. A., Feroniasanti, Y. M. L., Nadifah, F., Mercuriana, I. S., Dwiyani, R., Iwakawa, H., Yoshiok, Y., Machida, Y., dam Machida, C. 2010. High-frequency genetic transformatin of *Phalaenopsis amabilis* orchid using tomato extract-enriched medium fo the pre-culture of protocorms. *Journal of Horticultural Science & Biotechnology* 85(3): 205-210.
- Setti B, Bencheikh M. 2013. Isolation and Characterization of the *Agrobacterium tumefaciens* From Almond Nurseries in Chlef Region in Western Algeria. Eur Sci J. 9(30):1857–7881.
- Shrawat AK, Becker D, Lörz H. 2007. *Agrobacterium tumefaciens*-mediated genetic transformation of barley (*Hordeum vulgare* L.). Plant Sci. 172(2):281–290. doi:10.1016/j.plantsci.2006.09.005.
- Spiers AG. 1979. Isolation and characterisation of *Agrobacterium* species. New Zeal J Agric Res. 22(4):631–636. doi:10.1080/00288233.1979.10417834.

- Steven, a.F. 2008. *Moth Orchid: The complete guide to Phalaenopsis*. Timber Press Inc, Oregon. London.
- Sufianto S. 2019. Pola Interaksi Bakteri Endofitik +GFP (Green Fluorescent Protein) dalam Jaringan Tanaman Padi (*oryza sativa* l.). *J Nas Teknol Terap*. 2(3):255. doi:10.22146/jntt.44954.
- Sulichantini ED. 2016. Pengaruh konsentrasi zat pengatur tumbuh terhadap regenerasi bawang putih (*Allium sativum* L.). *J AGRIFOR*. 17(1):29–36.
- Suryowinoto, M. 1982. Mengenal anggrek-anggrek spesies. Fakultas Biologi. Universitas Gadjah Mada.
- Suzaki T, Tsuda M, Ezura H, Day B, Miura K. 2019. Agroinfiltration-based efficient transient protein expression in leguminous plants. *Plant Biotechnol*. 36(2):119–123. doi:10.5511/plantbiotechnology.19.0220b.
- Switzer, R. L., Liam F. & Garritty. 1999. *Experimental Biochemistry. Theory and Exercises in Fundamental Methods*, third edition. WH Freeman, ISBN: 0716733005, 978071633003.
- Takaba K, Tai Y, Eki H, Dao HA, Hanazono Y, Hasegawa K, Miki K, Takeda K. 2019. Subatomic resolution X-ray structures of green fluorescent protein. *IUCrJ*. 6:387–400. doi:10.1107/S205225251900246X.
- Tang D, Wang G, Zhou JM. 2017. Receptor kinases in plant-pathogen interactions: More than pattern recognition. *Plant Cell*. 29(4):618–637. doi:10.1105/tpc.16.00891.
- Tangapo A, Marwani E, Dwivani FM. 2012. Transformasi dan Ekspresi Transien Gen Pelapor Gusa pada *Andrographis paniculata* (Burm. f.) Wallich Ex Ness (Transformation and Expression of Reporter Gene Gusa on *Andrographis pani* ... (April 2018).
- Thairu Y, Usman Y, Nasir I. 2014. Laboratory perspective of gram staining and its significance in investigations of infectious diseases. *Sub-Saharan African J Med*. 1(4):168. doi:10.4103/2384-5147.144725.
- Tiwari M, Mishra AK, Chakrabarty D. 2022. A grobacterium-mediated gene transfer: recent advancements and layered immunity in plants. *Planta*. 256(2). doi:10.1007/s00425-022-03951-x.
- Turaki AA, Ahmad B, Magaji UF, Abdulrazak UK, Yusuf BA, Hamza AB. 2017. Optimised cetyltrimethylammonium bromide (CTAB) DNA extraction method of plant leaf with high polysaccharide and polyphenolic compounds for downstream reliable molecular analyses. *African J Biotechnol*. 16(24):1354–1365. doi:10.5897/ajb2017.15942.

- Vargas-Guevara C, Vargas-Segura C, Villalta-Villalobos J, Pereira LFP, Gatica-Arias A. 2018. A simple and efficient agroinfiltration method in coffee leaves (*Coffea arabica* L.): assessment of factors affecting transgene expression. 3 Biotech. 8(11):1–10. doi:10.1007/s13205-018-1495-5. <http://dx.doi.org/10.1007/s13205-018-1495-5>.
- Wahyuningsih S, Lawrie MD, Daryono BS, Moeljopawiro S, Jang S, Semiarti E. 2017. Early Detection of the Orchid Flowering Gene PaFT1 in Tobacco Cells Using a GFP Reporter. Indones J Biotechnol. 21(1):12. doi:10.22146/ijbiotech.26781.
- Waluyo S, Sustiprijatno, Suharsono. 2013. Transformasi Genetik Tembakau dengan Gen Cold Shock Protein melalui Perantara *Agrobacterium tumefaciens*. 9(2):58–65.
- Wroblewski T, Tomczak A, Michelmore R. 2005. Optimization of *Agrobacterium*-mediated transient assays of gene expression in lettuce, tomato and Arabidopsis. Plant Biotechnol J. 3(2):259–273. doi:10.1111/j.1467-7652.2005.00123.x.
- Wu, R. L. G. dan Moldave, K. 1989. *Recombinat DNA Methodology*. Academic Press, California.
- Yadav SK, Katikala S, Yellisetty V, Kannepalle A, Narayana JL, Maddi V, Mandapaka M, Shanker AK, Bandi V, Bharadwaja KP. 2012. Optimization of *Agrobacterium* mediated genetic transformation of cotyledonary node explants of *Vigna radiata*. Springerplus. 1(1):1–8. doi:10.1186/2193-1801-1-59.
- Yamamoto T, Hoshikawa K, Ezura K, Okazawa R, Fujita S, Takaoka M, Mason HS, Ezura H, Miura K. 2018. Improvement of the transient expression system for production of recombinant proteins in plants. Sci Rep. 8(1):1–10. doi:10.1038/s41598-018-23024-y. <http://dx.doi.org/10.1038/s41598-018-23024-y>.
- Yun-Tae K, Eun-Hee C, Bo-Kyoung S, Eun-Hee S, Eun-Kyoung L, Je-Kwon R, Gi-Won H, Jin-Seon K, Mi-Ran K, Jae-Hoon N, *et al.* 2011. Effects of Storage Buffer and Temperature on the Integrity of Human DNA. Korean J Clin Lab Sci. 44(1):24–30.
- Yustinadewi PD, Yustiantara PS, Narayani I. 2018. Mdr-1 Gene 1199 Variant Primer Design Techniques in Pediatric Patient Buffy Coat Samples With Lla. Metamorf J Biol Sci. 5(1):105. doi:10.24843/metamorfosa.2018.v05.i01.p16.
- Yustiningsih M. 2019. Intensitas Cahaya dan Efisiensi Fotosintesis pada Tanaman Naungan dan Tanaman Terpapar Cahaya Langsung. Bio-Edu J Pendidik

Biol. 4(2):44–49. doi:10.32938/jbe.v4i2.385.

Yuswanti H, Dharma IP, Utami, Wiraatmaja IW. 2015. Mikropropagasi Anggrek *Phalaenopsis* dengan Menggunakan Eksplan Tangkai Bunga. *Agrotrop J Agric Sci.* 5(2):163–168.
<https://ojs.unud.ac.id/index.php/agrotrop/article/view/22370>.

Zahara M, Win CC. 2019. Morphological and Stomatal Characteristics of Two Indonesian Local Orchids. *J Trop Hortic.* 2(2):65.
doi:10.33089/jthort.v2i2.26.