

## REFERENCES

- Admojo, L., & Indrianto, A. 2016. Pencegahan Browning Fase Inisasi Kalus pada Kultur Midrib Daun Klon Karet (*Hevea brasiliensis*). *Jurnal Penelitian Karet*. 34(1) : 25- 24 <https://doi.org/10.22302/ppk.jpk.v34i1.220>
- Aguilar-Hernández, V., & Loyola-Vargas, V. M. 2018. Advanced Proteomic Approaches to Elucidate Somatic Embryogenesis. *Frontiers in Plant Science* 9:1-17. [DOI:10.3389/fpls.2018.01658](https://doi.org/10.3389/fpls.2018.01658)
- Apriliyani, R., & Wahidah, B. F. 2021. Perbanyak Anggrek *Dendrobium* Sp. secara *In-Vitro*: Faktor-Faktor Keberhasilannya. *Filogeni: Jurnal Mahasiswa Biologi*. 1:33–46. <https://doi.org/10.24252/filogeni.v1i2.21992>.
- Arli, N. M., Noli, Z. A., & Idris, M. 2022. The Application of Plant Growth Regulators in Propagation of Dendrobium Orchid with Thin Cell Layer (TCL) Technique: A Review. *IJPSAT*. 39(2) : 283-290. [DOI: 10.52155/ijpsat.v39.2.5473](https://doi.org/10.52155/ijpsat.v39.2.5473)
- Arli, N. M., & Noli, Z. A. 2023. Induksi Akar Anggrek *Dendrobium lasianthera* dengan Pemberian Beberapa Konsentrasi Naphthalene Acetic Acid (NAA) secara *In-Vitro*. *Bioscientist: Jurnal Ilmiah Biologi*, 11(2): 1369–1375.  
[DOI: 10.33394/bioscientist.v11i2.9289](https://doi.org/10.33394/bioscientist.v11i2.9289)
- Arti, L. T., & Mukarlina, E. R. P. W. 2017. Multiplikasi Anggrek Bulan (*Dendrobium* sp.) dengan Penambahan Ekstrak Taoge dan Benzyl Amino Purine (BAP) secara *In-Vitro*. *Jurnal Protobiont*, 6(3): 278-282.  
<http://dx.doi.org/10.26418/protobiont.v6i3.22494>
- Asghar, S., Ghori, N., Hyat, F., Li, Y., & Chen, C. 2023. Use of Auxin and Cytokinin for Somatic Embryogenesis In Plant: A Story from Competence Towards Completion. In *Plant Growth Regulation*, 99: 3.  
<https://doi.org/10.1007/s10725-022-00923-9>
- Astuti, A. T., Noli, Z. A., & Suwirmen, S. 2019. Induksi Embriogenesis Somatik pada Anggrek *Vanda sumatrana* Schltr. dengan Penambahan Beberapa Konsentrasi Asam 2,4-D. *Jurnal Biologi UNAND*, 7:6-13. <https://doi.org/10.25077/jbioua>.
- Avila, V. C.M., Arjona-, E.D.J., Iracheta, L., Valdez-Carrasco, J.M., Gomez-, F.C. and Robledo, A., 2023. Callus Type, Growth Regulators, and Phytagel on Indirect Somatic Embryogenesis of Coffee (*Coffea arabica* L. var. Colombia). *Plants*, 12 (20) : 3570 - 3578. [DOI: 10.3390/plants12203570](https://doi.org/10.3390/plants12203570)

Badan Pusat Statistik. 2022. Badan Pusat Statistik (BPS) 2022. *Statistik Indonesia 2022*, <https://www.bps.go.id/publication/2022/02/25/0a2afea4fab72a5d052cb315/statistik-indonesia-2022.html>. Accessed on September 14, 2023.

Bahadur, B., Rajam, M. V., Sahijram, L., & Krishnamurthy, K. V. 2015. *Plant biology and biotechnology*. Springer. India.  
<https://id.scribd.com/document/480184575/Plant-Biology-and-Biotechnology-Volume-2-Plant-Genomics-and-Biotechnology-By-Bir-Bahadur>.

Battacharyya, P., Paul, P., Kumaria, S., & Tandon, P. 2018. Transverse Thin Cell Layer (tTCL)-Mediated Improvised Micropropagation Protocol for Endangered Medicinal Orchid *Dendrobium aphyllum* Roxb: An Integrated Phytomolecular Approach. *Acta Physiologiae Plantarum*, 40, 1–14. DOI: [10.1007/s11738-018-2703-y](https://doi.org/10.1007/s11738-018-2703-y)

Budisantoso, I., Amalia, N., & Kamsinah, K. 2017. In Vitro Callus Induction from Leaf Explants of *Vanda* sp Stimulated by 2,4-D. *Biosaintifika: Journal of Biology & Biology Education*, 9: 492-497. <https://doi.org/10.15294/biosaintifika.v9i3.11018>

Can & Vargas. 2016. The Role of the Auxins During Somatic Embryogenesis. *Somatic Embryogenesis: Fundamental Aspects and Applications*.  
[https://doi.org/10.1007/978-3-319-33705-0\\_10](https://doi.org/10.1007/978-3-319-33705-0_10)

CITES. 2023. *Dendrobium mussauense* <https://checklist.cites.org/#/en>. Accessed on September 14, 2023.

Darmawati IAP, Rai IN, Dwiyani R, Astarini IA. 2018. Short Communication: The diversity of wild *Dendrobium* (Orchidaceae) in Central Bali, Indonesia. *Biodiversitas*, 19 (3): 1110-1116. DOI: [10.13057/biodiv/d190345](https://doi.org/10.13057/biodiv/d190345)

Debnath S.C. 2018. *Micropropagation of Small Fruits*. In: Ahmad N., Faisal M., editors. *Thidiazuron: From Urea Derivative to Plant Growth Regulator*. Springer; (15) 139–158. [https://link.springer.com/chapter/10.1007/978-94-010-0125-0\\_15](https://link.springer.com/chapter/10.1007/978-94-010-0125-0_15)

*Dendrobium mussauense* on Orchids Newguinea. 2023. Orchid Gallery. <http://www.orchidsnewguinea.com/>. Accessed on September 14, 2023.

*Dendrobium mussauense* Ormerod in GBIF Secretariat. 2023. GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org. Accessed on September 14, 2023.

Febryanti, N. L. P. K., Defiani, M. R., & Astarini, I. A. 2017. Induksi Pertumbuhan Tunas dari Eksplan Anggrek *Dendrobium Heterocarpum* Lindl. dengan Pemberian Hormon Zeatin dan NAA. *Metamorfosa: Journal of Biological Sciences*, 4(1). <https://doi.org/10.24843/metamorfosa.2017.v04.i01.p07>

- Guan, Y., Li, S. G., Fan, X. F., & Su, Z. H. 2016 . Application of Somatic Embryogenesis in Woody Plants. *Frontiers in Plant Science*, 7(1): (1-7). <https://doi.org/10.3389/fpls.2016.00938>
- Handini, E., Aprilianti, P., & Handayani, I. 2021. Inventarisasi Jenis-jenis Anggrek Berpotensi Obat Koleksi Kebun Raya Bogor dan Upaya Konservasi secara In Vitro. *Warta Kebun Raya*, 19(1), 7–22.  
[https://scholar.google.co.id/citations?view\\_op=view\\_citation&hl=id&user=g018uBIAAAAJ&citation\\_for\\_view=g018uBIAAAAJ:9ZIFYXVOiuMC](https://scholar.google.co.id/citations?view_op=view_citation&hl=id&user=g018uBIAAAAJ&citation_for_view=g018uBIAAAAJ:9ZIFYXVOiuMC)
- Hany, I. P., Noli, Z. A., & Idris, M. 2022. An Overview: Somatic Embryogenesis Through Thin Cell Layer (TCL) Technique. *IJPSAT*. 39(2):283-290.  
DOI: 10.52155/ijpsat.v39.2.5473
- Hany, I. P., Noli, Z. A., & Idris, M. 2023. Callus Induction of *Dendrobium discolor* Through the Thin Cell Layer (TCL) Technique Added with 2, 4-Dichlorophenoxyaceticacid. *Jurnal Biologi Tropis*, 23(4b): 75–80.  
DOI: 10.29303/jbt.v23i4b.5808
- Harahap, P. S., Siregar, L. A. M., & Husni, Y. 2015. Kajian Awal: Respon Eksplan Nodus dalam Inisiasi Tunas Mikro Tanaman Karet (*Hevea Brasiliensis* Muell Arg.) dalam Medium MS. *Jurnal Agroekoteknologi Universitas Sumatera Utara*, 3(1), 103043. DOI: 10.32734/jaet.v3i1.9387
- Hartati, H., Hartati, N. S., & Sudarmonowati, E. 2018. Regeneration Rate of Eggplant Somatic Embryogenic in Various Maturation Media. *Jurnal ILMU DASAR*, 19(2), 125–134. <https://doi.org/10.19184/jid.v19i2.6260>
- Heriansyah, P. 2019. Multiplikasi Embrio Somatis Tanaman Anggrek (*Dendrobium* Sp) dengan Pemberian Kinetin dan Sukrosa secara In-Vitro. *Jurnal Ilmiah Pertanian*, 15(2), 67–78. <https://doi.org/10.31849/jip.v15i2.1974>
- Hesami, M., Naderi, R., Tohidfar, M. and Yoosefzadeh-Najafabadi, M., 2020. Development of support vector machine-based model and comparative analysis with artificial neural network for modeling the plant tissue culture procedures: effect of plant growth regulators on somatic embryogenesis of chrysanthemum, as a case study. *Plant methods*, 16 (1) : 1-15. DOI: 10.1186/s13007-020-00655-9
- IUCN. 2018. *IUCN 2018. The IUCN Red List of Threatened Species. Version 2018-2.* <https://www.iucnredlist.org>. Accested on September 14, 2023.
- Isda, Mayta Novaliza, and Siti Fatonah. 2014. Induksi Akar pada Eksplan Tunas Anggrek *Grammatophyllum Scriptum* Var. Citrinum secara In Vitro pada Media

MS dengan Penambahan NAA dan BAP. Al-Kauniyah: Jurnal Biologi 7(2): 53–57. <https://doi.org/10.15408/kauniyah.v7i2.2715>

Juntada, K., Taboonmee, S., Meetum, P., Poomjae, S., & Chiangmai, P. N. 2015. Somatic Embryogenesis Induction from Protocorm-like Bodies and Leaf Segments of *Dendrobium sonia*. *Silpakorn U Science & Tech J*, 9(2) : 9-19. DOI: [10.14456/sustj.2015.6](https://doi.org/10.14456/sustj.2015.6)

Kahia, J., Kirika, M., Lubabali, H., & Mantell, S. 2016. High-Frequency Direct Somatic Embryogenesis and Plantlet Regeneration from Leaves Derived from In Vitro Germinated Seedlings of a *Coffea Arabica* Hybrid Cultivar. *HortScience*, 51(9): 1148-1152. <https://doi.org/10.21273/hortsci10771-16>

Kamal, M. I., Zaied, K. A., Hussein, M. K., & El-Hady, A. 2021. Cytogenetic Effects of Naphthalene Acetic Acid and Benzylaminopurine in Meristematic Cells of Onion Roots. *Journal of Agricultural Chemistry and Biotechnology*, 12(1), 11–24. DOI: [10.21608/JACB.2021.148055](https://doi.org/10.21608/JACB.2021.148055)

Kartiman, R., Sukma, D., Aisyah, S. I., & Purwito, A. 2018. Multiplikasi *In-Vitro* Anggrek Hitam (*Coelogyne pandurata* Lindl.) pada Perlakuan Kombinasi NAA dan BAP. *Jurnal Bioteknologi & Biosains Indonesia (JBBI)*, 5(1): 75-87. <https://doi.org/10.29122/jbbi.v5i1.2908>

Larasati, T., Rahayu, S., & Harahap, F. 2016. Organogenesis Kelapa Sawit (*Elaeis guineensis* Jacq.) Asal Eksplan Bunga Betina. *Jurnal Biosains*, 2(2): 88-95 <https://doi.org/10.24114/jbio.v2i2.4223>

Mahendran, G., & Narmatha Bai, V. 2016. Direct Somatic Embryogenesis of *Malaxis densiflora* (A. Rich.) Kuntze. *Journal of Genetic Engineering and Biotechnology*, 14(1): 77-81. <https://doi.org/10.1016/j.jgeb.2015.11.003>

Markal, A., Isda, M. N., & Fatonah, S. 2015. Perbanyak Anggrek *Grammatophyllum Scriptum* (Lindl.) Melalui Induksi Tunas secara *In Vitro* dengan Penambahan BAP dan NAA. *JOM FMIPA Unri.* 2(1): 108-111. [https://jom.unri.ac.id/index.php/JOMFMIPA/article/view/4479.](https://jom.unri.ac.id/index.php/JOMFMIPA/article/view/4479)

Maulana, R., Restanto, D. P., & Slameto, S. 2019. Pengaruh Konsentrasi 2,4 – Dichlorophenoxyacetic Acid (2,4-D) Terhadap Induksi Kalus Tanaman Sorgum. *Jurnal Bioindustri*, 1: 2-7. <https://doi.org/10.31326/jbio.v1i2.223>

Mayrendra, C. T., & Solichatun, A. P. 2022. Pengaruh Pemberian Variasi Konsentrasi Benzil Amino Purin (BAP) dan Naphthaleneacetic Acid (NAA) Terhadap Pertumbuhan Protocorm Like Bodies (PLB) Anggrek *Dendrobium verninha x lasianthera*. *Pros Sem Nas Masy. Biodiv. Indon*, 8, 80–86.  
DOI: [10.13057/psnmbi/m080111](https://doi.org/10.13057/psnmbi/m080111)

- Milah, S., Sugiyarto, L., Ratnawati, Aloysius, S., & Mercuriani, I. S. (2023). Optimasi Induksi Tunas Aksiler *Dendrobium nobile* Melalui Kombinasi 2-iP dan 2,4-D *In Vitro*. *AGROISTA : Jurnal Agroteknologi*, 7(1).  
<https://doi.org/10.55180/agi.v7i1.613>
- Moradi, S., Dianati Daylami, S., Arab, M., & Vahdati, K. 2017. Direct Somatic Embryogenesis in *Epipactis veratrifolia*. *Journal of Horticultural Science and Biotechnology*, 92(1): 88-97. <https://doi.org/10.1080/14620316.2016.1228434>
- Mose, W., Daryono, B. S., Indrianto, A., Purwantoro, A., & Semiarti, E. 2020. Direct Somatic Embryogenesis and Regeneration of an Indonesian orchid *Phalaenopsis amabilis* (L.) Blume under a Variety of Plant Growth Regulators, Light Regime, and Organic Substances. *Jordan Journal of Biological Sciences*, 13(4): 509-518. <https://jjbs.hu.edu.jo/files/vol13/n4/Paper%20Number%2013.pdf>
- Mudaningrat, A., & Nada, S. 2021. Pengaruh Konsentrasi Zat Pengatur Tumbuh dalam Kandungan Air Kelapa Terhadap Pertumbuhan Tanaman Jahe (*Zingiber officinale*) dan Tanaman Kencur (*Kaempferia galanga* L.). *Prosiding Semnas Biologi Ke-9 Tahun 2021*, 9.  
<https://proceeding.unnes.ac.id/index.php/semnasbiologi/article/view/750/659>
- Mujib, A., Ali, M., Tonk, D., Isah, T., & Zafar, N. 2015. Embryogenesis in Ornamental Monocots: Plant Growth Regulators as Signalling Element. In *Somatic Embryogenesis in Ornamentals and Its Applications*, 12: 187-201.  
[https://doi.org/10.1007/978-81-322-2683-3\\_12](https://doi.org/10.1007/978-81-322-2683-3_12)
- Murashige, T dan F. Skoog 1962. A Revised Medium for Rapid Growth dan Bioassays with Tobacco Tissue Cultures. *Physiol. Plant.* 15: 473-497.  
<https://doi.org/10.1111/j.1399-3054.1962.tb08052.x>
- Nurana, A. R., Wijana, G., & Dwiyani, R. 2017. Pengaruh 2-iP dan NAA Terhadap Pertumbuhan Plantlet Anggrek *Dendrobium* Hibrida pada Tahap Subkultur. *Agrotrop*, 7(2): 139-146. DOI: <https://doi.org/10.24843/AJoAS.2017.v07.i02.p05>
- Padua, M. S., Santos, R. S., Labory, C. R. G., Stein, V. C., Mendonça, E. G., Alves, E., & Paiva, L. V. 2018. Histodifferentiation of Oil Palm Somatic Embryo Development at Low Auxin Concentration. *Protoplasma*, 255(1): 285-295. <https://doi.org/10.1007/s00709-017-1143-7>
- Pammai, K., Al Muhdhar, M.H.I., Sari, M.S., SUEB, S. and Yuhanna, W.L., 2022. Inventory of orchid diversity in Merauke District, South Papua Province, Indonesia. *Biodiversitas Journal of Biological Diversity*, 23(11) : 5962-5972. DOI: [10.13057/biodiv/d231150](https://doi.org/10.13057/biodiv/d231150)

Pardede, Y., Mursyanti, E., & Sidharta, B. R. 2021. Pengaruh Hormon Terhadap Induksi Embrio Somatik Kacapiring (*Gardenia jasminoides*) dan Potensi Aplikasinya dalam Pembuatan Benih Sintetik. *Biota : Jurnal Ilmiah Ilmu-Ilmu Hayat*, 6: 162-177. <https://doi.org/10.24002/biota.v6i3.4093>

Parthibhan, S., Rao, M. V., Teixeira da Silva, J. A., & Senthil Kumar, T. 2018. Somatic Embryogenesis from Stem Thin Cell Layers of *Dendrobium Aqueum*. *Biologia Plantarum*, 62(3).439-450. <https://doi.org/10.1007/s10535-018-0769-4>

Puccio,P.2022. *Dendrobium mussauense* Description and Classification. <https://www.monaconatureencyclopedia.com/dendrobium-mussauense-2/?lang>. Accessed on September 14, 2023.

Puri, S., Heriansyah, P., & Nopsagiarti, T. 2022. Potassium Dihydrogen Phosphate (KH<sub>2</sub>PO<sub>4</sub>) and Kinetin Enhance The Growth of *Dendrobium Sonia* Somatic Embryos (Kalium Dihidrogen Fosfat (KH<sub>2</sub>PO<sub>4</sub>) dan Kinetin Meningkatkan Untuk Pertumbuhan Embrio Somatik Dendrobium Sonia). *Jurnal Biologi Indonesia*, 18(1) : 41-50. DOI: 10.47349/jbi/18012022/41

Putra, R. R dan M. Shofi. 2015. Pengaruh Hormon Napthalena Acetic Acid Terhadap Inisiasi Akar Tanaman Kangkung Air (*Ipomoea aquatica* Forssk.). *Jurnal Wiyata* 2(2): 108-113. <http://dx.doi.org/10.56710/wiyata.v2i2.46>

Putriana, Gusmiaty, M. Restu, Musriati, dan N. Aida. 2019. Respon Kinetin dan Type Eksplan Jabon Merah (*Antocephalus macrophyllus* (Roxb.) Havil) secara *In Vitro*. *Bioma: Jurnal Biologi Makassar*. 4(1): 48 – 57. <https://doi.org/10.20956/bioma.v4i1.6363>

Pyati, A. N. 2020. Plant Regeneration from Protocorm Like Body (PLB) derived Callus of *Dendrobium barbatulum* Lindl. *Plant Tissue Culture and Biotechnology*, 30(2): 243-252 . <https://doi.org/10.3329/ptcb.v30i2.50694>

Pyati, A. N. 2022. In vitro Propagation of Orchid (*Dendrobium ovatum* (L.) Kraenzl.) Through Somatic Embryogenesis. *Plant Tissue Culture and Biotechnology*, 32(2):53-66. <https://doi.org/10.3329/ptcb.v32i1.6047>

Qomariah, U. K. N., & Semiarti, E. (2018). Propagasi *Dendrobium Stratiotes* Rchb. F. dengan Benziladenin secara *In-Vitro*. *AgrosaintifikasiA*, 1(1):14–21. <https://doi.org/10.32764/agrosaintifika.v1i1.316>

Rachmawati, F., Purwito, A., Wiendi, N. M. A., Mattjik, N. A., & Winarto. 2014. Perbanyak Massa Anggrek *Dendrobium Gradita* secara *In Vitro* melalui Embriogenesis Somatik. *Jurnal Hortikultura*, 24(2): 196-209. DOI: 10.21082/jhort.v24n3.2014.p196-209

- Restanto, D. P., Kriswanto, B., Khozim, M. N., & Soeparjono, S. 2018. Kajian Thidiazuron (TDZ) dalam Induksi PLB Anggrek *Phalaenopsis* sp secara *In-Vitro*. *Agritrop : Jurnal Ilmu-Ilmu Pertanian (Journal of Agricultural Science)*, 16(1): 176-185.  
<https://doi.org/10.32528/agr.v16i1.1561>
- Rose, R. J. 2019. Somatic embryogenesis in the *Medicago Truncatula* Model: Cellular and Molecular Mechanisms. In *Frontiers in Plant Science*, 10: 267-275. <https://doi.org/10.3389/fpls.2019.00267>
- Rosmaina, R., & Aryani, D. 2015. Optimasi NAA dan BAP Terhadap Pertumbuhan dan Perkembangan Tunas Mikro Tanaman Kantong Semar (*Nepenthes Mirabilis*) secara *In Vitro*. *Jurnal Agroteknologi*, 5(2): 29-36.  
<https://doi.org/10.24014/ja.v5i2.1352>
- Rustikawati, C. Herison, E. Inorah and V. Dwisari. 2021. Effect of BAP (6-Benzyl Aminopurine) on In Vitro Shoot Growth of Curcumas. *Agritropica: Journal of Agricultural Science*. 4 (1): 82-92. <https://doi.org/10.31186/Jagritropica.4.1.82-92>.
- Sadat, M. S., Siregar, L. A. M., & Setiado, H. 2018. Pengaruh IAA dan BAP Terhadap Induksi Tunas Mikro dari Eksplan Bonggol Pisang Kepok (*Musa paradisiaca* L.). *Jurnal Online Agroteknologi*, 6(1): 107–112.<https://doi.org/10.32734/joa.v6i1.2555>
- Sasmita, H. D., Dewanti, P., & Alfian, F. N. 2022. Somatic Embryogenesis of *Dendrobium lasianthera X Dendrobium antennatum* with the Addition of BA and NAA. *Jurnal Agronomi Indonesia (Indonesian Journal of Agronomy)*, 50: 202-208 . <https://doi.org/10.24831/jai.v50i2.39715>
- Schaller, G. E., Street, I. H., & Kieber, J. J. 2014. Cytokinin and the Cell Cycle. *Current Opinion in Plant Biology*, 21(1): 7–15. DOI: 10.1016/j.pbi.2014.05.015
- Shen, H. J., Chen, J. T., Chung, H. H., & Chang, W. C. 2018. Plant Regeneration Via Direct Somatic Embryogenesis from Leaf Explants of *Tolumnia Louise Elmore*. *Botanical Studies*, 59: 1-7 . <https://doi.org/10.1186/s40529-018-0220-3>
- Smertenko, A. and Bozhkov, P.V., 2014. Somatic Embryogenesis: Life and Death Processes During Apical–Basal Patterning. *Journal of Experimental Botany*, 65(5) : 1343-1360. DOI:10.1093/jxb/eru005
- Sudiyanti, S., Rusbana, T. B., & Susiyanti, S. 2017. Inisiasi Tunas Kokoleceran (*Vatica bantamensis*) pada Berbagai Jenis Media Tanam dan Konsentrasi BAP (Benzyl Amino Purine) secara *In-Vitro*. *Jurnal Agro*, 4(1): 1-14.

<https://doi.org/10.15575/1069>

Sulasiah, A., Tumilisar, C., & Lestaria, T. 2015. Pengaruh Pemberian Jenis dan Konsentrasi Auksin Terhadap Induksi Perakaran pada Tunas *Dendrobium* sp secara *In Vitro*. BIOMA, 11(2). [https://doi.org/10.21009/bioma11\(2\).5](https://doi.org/10.21009/bioma11(2).5)

Sundari, L., Siregar, L. A. M., & Hanafiah, D. S. 2015 . Kajian Awal : Respon Eksplan Nodus dalam Inisiasi Tunas Mikro Tanaman Karet (*Hevea brasiliensis* Muell. Arg.) dalam Medium WPM. *Journal Online Agroteknologi*, 3(1): 179-187.  
[DOI: 10.32734/jaet.v3i1.9381](https://doi.org/10.32734/jaet.v3i1.9381)

Swamy MK, Sinniah UR. 2020. "Patchouli (*Pogostemon cablin* Benth.): Botany, agrotechnology and biotechnological aspects". Industrial Crops Products 2016; 87:161–176. <https://doi.org/10.1016/j.indcrop.2016.04.032>

Teixeira, J. A., & Dobránszki, J. 2015. Plant Thin Cell Layers: Update and Perspectives. *Folia Horticulturae*, 27(2): 183-190. <https://doi.org/10.1515/fhort-2015-0029>

Verma, S. K., Das, A. K., Cingoz, G. S., Uslu, E., & Gurel, E. 2016. Influence of Nutrient Media on Callus Induction, Somatic Embryogenesis and Plant Regeneration In Selected Turkish Crocus Species. *Biotechnology Reports*, 10:66-74. <https://doi.org/10.1016/j.btre.2016.03.006>

Viola, Y. R. N., Roviq, M., & Wardiyati, T. 2017. Pengaruh Konsentrasi BA Terhadap Pembentukan Embrio Somatik pada Tanaman Kentang (*Solanum Tuberosum* L.) secara *In Vitro*. *Journal of Agricultural Science*, 2(1): 77-83.  
<https://jpt.ub.ac.id/index.php/jpt/article/view/123>

Wardatuthooyibah, Wulandari, R. S., & Darwati, H. 2015. Penambahan Auksin dan Sitokinin Terhadap Pertumbuhan Tunas dan Akar Gaharu (*Aquilaria malaccensis* Lamk) secara *In-Vitro*. *Jurnal Hutan Lestari*, 3(1): 43-50.  
<https://www.neliti.com/publications/10422/penambahan-auksin-dan-sitokinin-Terhadap-pertumbuhan-tunas-dan-akar-gaharu-aquil>

Wuriesyiane, W., & Sawaluddin, S. 2022. Aplikasi Berbagai Konsentrasi Zat Pengatur Tumbuh (ZPT) Terhadap Pertumbuhan dan Hasil Tanaman Baby Buncis (*Phaseolus vulgaris* L.). *J-Plantasimbiosa*, 4(1): 64-70 .  
<https://doi.org/10.25181/jplantasimbiosa.v4i1.2512>

Yelnititis. 2018. Somatic Embryogenesis of Tohiti Rattan (*Calamus inops* Becc. ex Heyne). *Jurnal Pemuliaan Tanaman Hutan*, 12: 41-50. [DOI: 10.20886/jpth.2018.12.1.41-50](https://doi.org/10.20886/jpth.2018.12.1.41-50)

Zhang, J., Long, X., Weng, Y., Cheng, T., Shi, J., & Chen, J. 2021. Efficient Evergreen

Plant Regeneration of *Cinnamomum Japonicum* Sieb. Through In Vitro Organogenesis. *Phyton*, 90:570-581. <https://doi.org/10.32604/phyton.2021.01191>

