

บรรณานุกรม

- สำนักอนุรักษ์ทรัพยากรป่าชายเลน กรมทรัพยากรทางทะเลและชายฝั่ง กระทรวง
ทรัพยากรธรรมชาติและสิ่งแวดล้อม. (2552). พันธุ์ไม้ป่าชายเลนในประเทศไทย.
กรุงเทพมหานคร: โรงพิมพ์ชุมนุมสหกรณ์การเกษตรแห่งประเทศไทย จำกัด.
- Abbas, S. Q. (1995). *Taxonomic studies on the fungi (coelomyces) of Karachi*. Doctoral
dissertation, Department of Botany, University of Karachi.
- Abdel-Motaal, F. F., Nassar, M. S. M., El-Zayat, S. A., El-Sayed, M. A., & Ito, S. (2010).
Antifungal activity of endophytic fungi isolated from Egyptian henbane (*Hyoscyamus*
Muticus L.). *Pakistan Journal of Botany*, 42, 2883-2894.
- Abdel-Sater, M. A. (2001). Antagonistic interactions between fungal pathogen and leaf surface
fungi of Onion (*Allium cepa* L.). *Pakistan Journal of Biological Sciences*, 4, 838-842.
- Adebola, M. O. & Amadi, J. E. (2010). Screening three *Aspergillus* species for antagonistic
activities against the cocoa black pod organism (*Phytophthora palmivora*). *Agriculture*
and Biology Journal of North America, 1, 362-365.
- Arnold, A. E., Maynard, Z., Gilbert, G. S., Coley, P. D., & Kursar, T.A. (2000). Are tropical
fungal Endophytes hiperdiverst? *Ecology Letters*, 3, 267-274.
- Arnold, A. E. (2007). Understanding the diversity of foliar endophytic fungi: progress,
challenges, and frontiers. *Fungal Biology Reviews*, 21, 51-66.
- Anaissie, E. J., McGinnis, M. R., & Pfaller, M. A. (2009). *Clinical Mycology* (2nd ed.).
Edinburgh: Churchill Livingstone.
- Bacon, C. W. & White, J. F. (2000). *Microbial endophytes*. USA: Marcel Dekker.
- Barnett, H. I. & Hunter, B. B. (2006). *Illustrated Genera of Imperfect fungi* (4th ed.). USA:
The American Phytopathological Society.
- Barrios-González, J. & Mejia, A. (1996). Production of secondary metabolites by solidstate
fermentation. *Biotechnology Annual Review*, 2, 83-121.
- Bhawani, S. A., Sulaiman, O., Hashim, R., & Mohamad, M. N. (2010). Thin-layer
chromotografic analysis of steroids: a review. *Tropical Journal of Phamaceutical*
Research, 9, 301-313.

- Choma, I. M. & Grzelak, E. M. (2010). Bioautography detection in thin-layer chromatography. *Journal of Chromatography A*, 1-8.
- Clinical and Laboratory Standards Institute (CLSI). (2012). Performance standards for antimicrobial susceptibility testing; twenty-second informational supplement, M100-S22. USA: CLSI.
- Dennis, C. & Webster, J. (1971). Antagonistic properties of species group of *Trichoderma* hyphal interaction. *Transactions of The British Mycological Society*, 57, 363-369.
- Didelot, X., Barker, M., Falush, D. & Priest, F. G. (2009). Evolution of pathogenicity in the *Bacillus cereus* group. *Systematic and Applied Microbiology*, 32, 81-90.
- Dix, N. J. & Webster, J. (1995). *Fungal Ecology*. London: Chapman & Hall.
- Drobniewski, F. A. (1993). *Bacillus cereus* and related species. *Clinical Microbiology Reviews*, 6, 324-338.
- Ferreira et, C., Silva, S., Oliveira, F. F., Pinho, E., Henriques, M., & Lucas, C. (2010). *Candida albicans* virulence and drug-resistance requires the O-acyltransferase Gup 1p. *BioMed Central Microbiology*, 10, 1-14.
- Freeman, S., Katan, T., & Shabi, E. (1996). Characterization of *Colletotrichum gloeosporioides* isolates from avocado and almond fruits with molecular and pathogenicity tests. *Applied and Environmental Microbiology*, 62, 1014-1020.
- Gao, F., Dai, C., & Liu, X. (2010). Mechanisms of fungal endophytes in plant protection against pathogens. *African Journal of Microbiology Research*, 4, 1346-1351.
- Gilbert, G. S., Mejía-Chang, M., & Rojas, E. (2002). Fungal diversity and plant disease in mangrove forests: salt excretion as possible defense mechanism. *Oecologia*, 132, 278-285.
- Greenwood, D., Slack, R., Peutherer, J., & Barer, M. (2007). *Medical Microbiology : A Guide to Microbial Infections: Pathogenesis, Immunity, Laboratory Diagnosis and Control* (17th ed.). Edinburgh: Churchill Livingstone.
- Guo, B., Wang, Y., Sun, X. & Tang, K. (2008). Bioactive natural products from endophytes: A review. *Applied Biochemistry and Microbiology*, 44, 136-142.
- Hanlin, R. T. (1997). *Illustrated Genera of Ascomycetes Volume 1* (4th ed.). USA: The American Phytopathological Society.

- Hashmi, F. M. H. & Ghaffar, A. (2006). In vitro interaction of *Fusarium* spp. with other fungi. *Pakistan Journal of Botany*, 38, 1317-1322.
- Hayes, A. J. & Markovic, B. (2002). Toxicity of Australian essential oil *Backhousia citriodora* (Lemon myrtle). Part I. Antimicrobial activity and in vitro cytotoxicity. *Food and Chemical Toxicology*, 40, 535-543.
- Herre, E. A., Mejia, I. C., Kylo, D. A., Rojas, E., Maynard, Z., Butler, A., & Van Bael, S. A. (2007). Ecological implications of anti-pathogen effects of tropical fungal endophytes and mycorrhizae. *Ecology*, 88, 550-558.
- Hodkinson, T. R. & Parnell, J. A. N. (2007). Reconstructing *The Tree of Life: Taxonomy and Systematics of Species Rich Taxa*. Florida: CRC Press.
- Huang, H., Feng, X., Xiao, Z., Liu, L., Li, H., Ma, L., Lu, Y., Ju, J., She, Z., & Lin, Y. (2011). Azaphilones and *p*-terphenyls from the mangrove endophytic fungus *Penicillium chermesinum* (ZH4-E2) isolated from the south China sea. *Journal of Natural Products*, 74, 997-1002.
- Huang, Y., Wang, J., Li, G., Zheng, Z., & Su, W. (2001). Antitumor and antifungal activities in endophytic fungi isolated from pharmaceutical plants *Taxus mairei*, *Cephalotaxus fortune* and *Torreya grandis*. *FEMS Immunology and Medical Microbiology*, 31, 163-167.
- Huang, Z., Cai, X., Shao, C., She, Z., Xia, X., Chen, Y., Yang, J., Zhou, S., & Lin, Y. (2008). Chemistry and weak antimicrobial activities of phomopsins produced by mangrove endophytic fungus *Phomopsis* sp. ZSU-H76. *Phytochemistry*, 69, 1604-1608.
- Jais, H. R. Y., Sarkar, A. & Gurusiddaiah, S. (1986). Antifungal macrodiolide from *Streptomyces* sp. *Antimicrobial Agents and Chemotherapy*, 30, 458-464.
- Joshi, S. D., Sanjay, R., Baby, U. I., & Mandal, A. K. A. (2009). Molecular characterization of *Pestalotiopsis* spp. associated with tea (*Camellia sinensis*) in southern India using RAPD and ISSR markers. *Indian Journal of Biotechnology*, 8, 377-383.
- Kavanagh, K. (2005). *Fungi: Biology and Applications*. England: John Wiley & Sons.
- Kayser, F. H., Bienz, K. A., Eckert, J., & Zinkernagel, R.M. (2005). *Medical Microbiology*. New York: Thieme.

- Kumaresan, V. & Surnayanarayanan, T. S. (2001). Occurrence and distribution of endophytic fungi in a mangrove community. *Mycological Research*, 105, 1388-1391.
- Li, J. Y., Strobel, G. A., Sidhu, R., Hess, W. M., & Ford, E. (1996). Endophytic taxol producing fungi from bald cypress *Taxodium distichum*. *Microbiology*, 142, 2223-2226.
- Li, K. K., Lu, Y. J., Song, X. H., She, Z. G., Wu, X. W., An, L. K., Ye, C. X., & Lin, Y. C. (2010). The metabolites of mangrove endophytic fungus Zh6-B1 from the South China Sea. *Bioorganic and Medicinal Chemistry Letters*, 20, 3326-3328.
- Liu, A. R., Xu, T., & Guo, L.D. (2007). Molecular and morphological description of *Pestalotiopsis hainanensis* sp. nov., a new endophyte from a tropical region of China. *Fungal Diversity*, 24, 23-36.
- Liu, C. H., Zou, W. X., Lu, H., & Tan, R. X. (2001). Antifungal activity of *Artemisia annua* endophyte cultures against phytopathogenic fungi. *Journal of Biotechnology*, 88, 277-282.
- Liu, D., Li, X. M., Meng, L., Li, C. S., Gao, S. S., Shang, Z., Proksch, P., Huang, C. G., & Wang, B.G. (2011). Nigrapyrone derivatives from the marine mangrove-derived endophytic fungus *Aspergillus niger* MA-132. *Journal of Natural Products*, 74, 1787-1791.
- Liu, F., Cai, X. L., Yang, H., Xia, X. K., Gao, Z. Y., Yuan, J., Li, M. F., She, Z. G., & Lin, Y. C. (2009). The bioactive metabolites of the mangrove endophytic fungus *Talaromyces* sp. ZH-154 isolated from *Kandelia candel* (L.) Druce. *Planta Medica*, 76, 185-189.
- Maria, G. L., Sridhar, K. R., & Raviraja, N. S. (2005). Antimicrobial and enzyme activity of mangrove endophytic fungi of southwest coast of India. *Journal of Agricultural Technology*, 1, 67-80.
- Mecna, P. D., Awasthi, R. P., Chattopadhyay, C., Kolte, S. J., & Kuman A. (2010). Alternaria blight: a chronic disease in rapeseed-mustard. *Journal of Oilseed Brassica*, 1, 1-11.

- Moriel, D. G., Bertoldi, I., Spagnuolo, A., Marchi, S., Rosini, R., Nesta, B., Pastorello, I., Corca, V. A. M., Torricelli, G., Cartocci, E., Savino, S., Scarselli, M., Dobrindt, U., Hacker, J., Tettelin, H., Tallon, L. J., Rappuoli, R., Pizza, M., & Serino, L. (2010). Identification of protective and broadly conserved vaccine antigens from the genome of extraintestinal pathogenic *Escherichia coli*. *Proceeding of the National Academy of Sciences*, 107, 9072-9077.
- Morton, A. G. (1961). The induction of sporulation in mould fungi. *Proceeding of The Royal Society B: Biological Sciences*, 153, 548-569.
- Mudryk, Z. & Donderski, W. (1991). Effect of sodium chloride on the metabolic activity of halophilic bacteria isolated from the Lake Gardno estuary. *Estuaries*, 14, 495-498.
- Murray, P. R., Rosenthal, K. S., & Pfaller, M. A. (2005). *Medical Microbiology* (5th ed.). Philadelphia: Elsevier Mosby.
- Murray, P. R., Rosenthal, K. S., & Pfaller, M. A. (2009). *Medical Microbiology* (6th ed.). Philadelphia: Elsevier Mosby.
- Nicolaou, K. C., Yang, Z., Liu, J. J., Ueno, H., Nanterment, P. G., Guy, R.K., Claiborne, C. F., Renaud, J., Couladouros, E. A., Paulvannan, K., & Sorensen, E.A. (1994). The total synthesis of taxol. *Nature*, 367, 630-634.
- Park, J. H., Park, J. H., Choi, G. J., Lee, S. W., Jang, K. S., Choi, Y. H., Cho, K. Y., & Kim, J. C. (2003). Screening for antifungal endophytic fungi against six plant pathogenic fungi. *Mycobiology*, 31, 179-182.
- Prapagdee, B., Kuckulvong, C., & Mongkolsuk, S. (2008). Antifungal potential of Extracellular metabolites produced by *Streptomyces hygroscopicus* against phytopathogenic fungi. *International Journal of Biological Sciences*, 4, 330-337.
- Rabea, E. I. & Steurbaut, W. (2010). Chemically modified chitosans as antimicrobial agents against some plant pathogenic bacteria and fungi. *Plant Protection Science*, 46, 149-158.
- Ribera, A. E. & Zuñiga, G. (2012). Induce plant secondary metabolites for phytopathogenic fungi control: a review. *Journal of Soil Science and Plant Nutrition*, 12, 893-911.

- Robinson, T., Singh, D., & Nigan, P. (2001). Solid-state fermentation: a promising microcultural technology for secondary metabolites production. *Applied Microbiology and Biotechnology*, 55, 284-289.
- Ruano-Rosa, D., Moral-Navarrete, L., & Lopez-Herrera, C. J. (2010). Selection of *Trichoderma* spp. isolates antagonistic to *Rosellinia necatrix*. *Spanish Journal of Agricultural Research*, 8, 1084-1097.
- Saikkonen, K., Wäli, P., Helander, M., & Faeth, S.H. (2004). Evolution of endophyte-plant symbioses. *Trends in Plant Science*, 9, 275-280.
- Sadananda, T. S., Nirupama, R., Chaithra, K., Govindappa, M., Chandrappa, C. P., & Vinay, R. B. (2011). Antimicrobial and antioxidant activities of endophytes from *Tabebuia argentea* and identification of anticancer agent (Lapachol). *Journal of Medicinal plant Research*, 5, 3643-3652.
- Samson, R. A., Hoekstra, E. S., & Frisvad, J. C. (2004). *Introduction to Food and Airborne Fungi* (7th ed.). The Netherlands: Centraalbureau voor Schimmelcultures.
- Selim, K. A., El-Beih, A. A., Abdel-Rahman, T. M., & El-Diwani, A. I. (2012). Biology of Endophytic fungi. *Current Research in environmental & Applied Mycology*, 2, 31-82.
- Shearer, C. A. & Zare-Maivan, H. (1988). In vitro hyphal interactions among wood and leaf-inhabiting ascomycetes and fungi imperfecti from freshwater habitats. *Mycologia*, 80, 31-37.
- Shenoy, B. D., Jeewon, R., Lam, W. H., Bhat, D. J., Than, P. P., Taylor, P. W. J., & Hyde, K. D. (2007). Morpho-molecular characterization and epitypification of *Colletotrichum capsici* (Glomerellaceae, Sordariomycetes), the causative agent of anthracnose in chilli. *Fungal Diversity*, 27, 197-211.
- Shih, I., Tsai, K., & Hsieh, C. (2007). Effects of culture conditions on the mycelia growth and bioactive metabolite production in submerged culture of *Cordyceps militaris*. *Biochemical Engineering Journal*, 33, 193-201.
- Shittu, O. B., Alofe, F. V., Onawunmi, G. O., Ogundaini, A. O., & Tiwalade, T. A. (2005). Mycelial growth and antibacterial metabolite production by wild mushrooms. *African Journal of Biomedical Research*, 8, 157-162.

- Silva, M. R. O., Alimeida, A. C., Arruda, F. V. F., & Gusmão, N. (2011). Endophytic fungi from brazilian mangrove plant *Laguncularia racemosa* (L.) Gaertn. (Combretaceae): their antimicrobial potential. *Science Against Microbial Pathogens: Communicating Current Research and Technological Advances*, 1260-1266.
- Sridhar, K. R. (2004). Mangrove fungi in India. *Current Science*, 86, 1586-1587.
- Strobel, G. & Daisy, B. (2003). Bioprospecting for microbial endophytes and their natural products. *Microbiology and Molecular Biology Reviews*, 67, 491-502.
- Strobel, G., Stierle, A., Stierle, D., & Hess, W.M. (1993). *Taxomyces andreanae* a proposed new taxon for a bulbilliferous hyphomycete associated with pacific yew. *Mycotaxon*, 47, 71-78.
- Strobel, G., Yang, X., Scars, J., Kramer, R., Sidhu, R. S., & Hess, W. M. (1996). Taxol from *Pestalotiopsis microspora*, an endophytic fungus of *Taxus wallichiana*. *Microbiology*, 142, 435-440.
- Strobel, G. & Daisy, B. (2003). Bioprospecting for microbial endophyte and their natural products. *Microbiology and Molecular Biology Reviews*, 67, 491-502.
- Strobel, G. A. (2003). Endophytes as sources of bioactive products. *Microbial and Infection*, 5, 535-544.
- Sun, D., Ran, X., & Wang, J. (2008). Isolation and identification of a taxol-producing endophytic fungus from *Podocarpus*. *Acta Microbiologica sinica*, 48, 589-595.
- Tan, R. X. & Zou, W. X. (2001). Endophytes: a rich source of functional metabolites. *Natural Product Reports*, 18, 448-459.
- Tayung, K., Barik, B. P., Jha, D. K., & Deka, D. C. (2011). Identification and characterization of antimicrobial metabolite from an endophytic fungus, *Fusarium solani* isolated from bark of Himalayan yew. *Mycosphere*, 2, 203-213.
- Visalakchi, S. & Muthumary, J. (2010). Antimicrobial activity of the new endophytic *Monodictys castancae* SVJM139 pigment and its optimization. *African Journal of Microbiology Research*, 4, 38-44.

- Xiaoling, C., Xiaoli, L., Shining, Z., Junping, G., Shuiping, W., Xiaoming, L., Zhigang, S., & Yongcheng, L. (2010). Cytotoxic and topoisomerase I inhibitory activities from extracts of endophytic fungi isolated from mangrove plants in Zhuhai, China. *Journal of Ecology and the Natural Environment*, 2, 17-24.
- You, F., Han, T., Wu, J., Huang, B., & Qin, L. (2009). Antifungal secondary metabolites from endophytic *Verticillium* sp. *Biochemical Systematics and Ecology*, 37, 162-165.
- Yu, H., Zhang, L., Li, L., Zheng, C., Guo, L., Li, W., Sun, P., & Qin, L. (2010). Recent developments and future prospects of antimicrobial metabolites produced by endophytes. *Microbiological Research*, 165, 437-449.
- Zegeye, E. D., Santhanam, A., Gorf, D., Tessera, M., & Kassa, B. (2011). Biocontrol activity of *Trichoderma viride* and *Pseudomonas fluorescens* against *Phytophthora infestans* under greenhouse conditions. *Journal of Agricultural Technology*, 7, 1589-1602.
- Zhang, J., Tao, L., Liang, Y., Chen, L., Mi, Y., Zheng, L., Wang, F., She, Z., Lin, Y., To, K. K. W., & Fu, L. (2010). Anthracenedione derivative as anticancer agents isolated from secondary metabolites of the mangrove endophytic fungi. *Marine Drugs*, 8, 1469-1481.
- Zhang, X. L., Jeza, V. T., & Pan, Q. (2008). *Salmonella Typhi*: from a human pathogen to a vaccine vector. *Cellular and Molecular Immunology*, 5, 91-97.
- Zhang, Y., Mu, J., Feng, Y., Kang, Y., Zhang, J., Gu, P. J., Wang, Y., Ma, L. F., & Zhu, Y. H. (2009). Broad-spectrum antimicrobial epiphytic and endophytic fungi from marine organisms: isolation, bioassay, and taxonomy. *Marine drugs*, 7, 97-112.
- Zhou, L., Zhao, J., Shan, T., Cai, X., & Peng, Y. (2010). Spirobisnaphthalenes from fungi and their biological activities. *Mini Reviews Medicinal Chemistry*, 10, 977-989.