

BIBLIOGRAPHY

REFERENCES

- Arnold AE (2007) Understanding the diversity of foliar fungal endophytes: progress, challenges, and frontiers. *Fungal Biology Reviews* **21**: 51–66.
- Arora DS and Chandra P (2010) Assay of antioxidant potential of two *Aspergillus* isolates by different methods under various physio-chemical conditions. *Brazilian Journal of Microbiology* **41**:765-777.
- Azevedo JL, Maccheroni Jr J, Pereira O and Ara WL (2000) Endophytic microorganisms: a review on insect control and recent advances on tropical plants. *Electronic Journal of Biotechnology* **3**:40–65.
- Berg G and Hallmann J (2006) Control of plant pathogenic fungi with bacterial endophytes. In: Schulz BJE, Boyle CJC and Sieber TN (Ed.) *Microbial Root Endophytes*. Springer-Verlag, Berlin, pp 53–69.
- Bokhary HA, Al-Sohaibany S, Al- Sadoon QH and Parvez S (2000) Fungi associated with *Calotropis procera* and *Capparis spinosa* leaves. *Journal of King Saudi University* **12**:11-23.
- Chanway CP (1996) Endophytes: they're not just fungi! *Canadian Journal of Botany* **74**:321–322.
- Chareprasert S, Piapukiew J, Thienhirun S, Whalley A and Sihanonth P (2006) Endophytic fungi of Teak leaves *Tectona grandis* L. and rain tree *Samanea saman* Merr. *World Journal of Microbiology and Biotechnology* **22**: 481-486.
- De Bary A (1866) *Morphologie und Physiologie der Pilze, Flechten und Myxomyceten*. Leipzig, Germany, Engelmann.
- Dix NJ and Webster J (1995) *Fungal ecology*. Chapman and hall, New York, p. 549.
- Dreyfuss MM and Chapela IH (1994) In: Gullo VP (Ed.) *The Discovery of Natural Products with Therapeutic Potential*. Butterworth-Heinemann, Boston, pp 49-79.
- Dudeja SS, Giri R, Saini R, Suneja-Madan P, Tan RX and Zou WX (2012) *Natural Products Reports* **18**: 448-459.

- Gilman JC (1998) A Manual of soil fungi. Biotechnology Books Delhi-110035. First Indian Edition. *Journal of Botany* **38**:817-831.
- Guo B, Wang Y, Sun X, and Tang K (2008) Bioactive Natural Products from Endophytes: A Review. *Applied Biochemistry and Microbiology* **44**(2):136-142
- Gupta S, Kaull S, Singh B, Visswakarma RA and Dhar MK (2016) Production of Gentisyl Alcohol from *Phoma herbarum* Endophytic in *Curcuma longa* L. and Its Antagonistic Activity Towards Leaf Spot Pathogen *Colletotrichum gloeosporioides*. *Applied Biochemistry and Biotechnology* **10**:12010-12016
- Hallmann J, Quadt-Hallmann A, Rodríguez-K'abana R and Kloepper JW (1998) Interactions between *Meloidogyne incognita* and endophytic bacteria in cotton and cucumber. *Soil Biology and Biochemistry* **30**: 925–937.
- Huang WY, Cai YZ, Hyde KD, Corke H and Sun M (2008) Biodiversity of endophytic fungi associated with 29 traditional Chinese medicinal plants. *Fungal Diversity* **33**: 61–75.
- Jumpponen A and Jonnes KL (2009) Massively parallel 454 sequencing indicates hyperdiverse fungal communities in temperate *Quercus macrocarpa* phyllosphere. *New Phytologist* **184**:438–48.
- König GM, Wright AD, Aust HJ, Draeger S and Schulz B (1999) Geniculol, a new biological active diterpenes from the endophytic fungus *Genicospirium* sp. *Journal of Natural Products* **62**:155-157.
- Kumar A, Singh R, Yadav A, Giri DD, Singh PK and Pandey KD (2016) Isolation and characterization of bacterial endophytes of *Curcuma longa* L.. *Biotech* **3**: 6:60
- Kumaresan V and Suryanarayanan TS (2001) Occurrence and distribution of endophytic fungi in a mangrove community. *Mycological Research* **105** (11):1388–1391.
- Lahlali R, Peng G, Gossen BD, McGregor L, Yu FQ, Hynes RK, Hwang SF, McDonald MR and Boyetchko SM (2013) Evidence that the biofungicide Serenade (*Bacillus*

subtilis) suppresses club root on canola via antibiosis and induced host resistance. *Phytopathology* **103**:245–254.

- Li JY, Strobel GA, Harper JK, Lobkovsky E and Clardy J (2000) Cryptocin, a potent tetramic acid antimycotic from the endophytic fungus *Cryptosporiopsis cf. quercina*. *Organic Letter* **2**:767-770.
- Lodewyckx C, Vangronsveld J, Porteous F, Moore ERB, Taghavi S, Mezgeay M and van der Lelie D (2002) Endophytic bacteria and their potential applications. *Critical Reviews of Plant Sciences* **21**: 583–606.
- Lodge DJ, Fisher PJ and Sutton BC (1996) Endophytic fungi of *Manilkara bidentata* leaves in Puerto Rico. *Mycologia* **88**: 733–738.
- Ludwig-Muller J (2015) Plants and endophytes: equal partners in secondary metabolite production? *Biotechnology Letters* **37**: 1325-1334.
- Mukhtar, S., & Ghori, I. (2012). Antibacterial activity of aqueous and ethanolic extracts of garlic, cinnamon and turmeric against *Escherichia coli* ATCC 25922 and *Bacillus subtilis* DSM 3256. *International Journal of Applied Biology and Pharmaceutical Technology*, 3(2), 131–136.
- Nagamani A, Kunwar IK and Manoharachary C (2006) *Handbook of Soil Fungi*, 1st edition. IK International Pvt. Ltd., New Delhi.
- Petrini O (1991) Fungal endophytes of tree leaves. In: Andrews JH and Hirano SS (Ed.) *Microbial ecology of leaves*. Springer-Verlag, New York, pp 179-197
- Porras-Alfaro A and Bayman P (2011) Hidden Fungi, Emergent Properties: Endophytes and Microbiomes. *Annual Review of Phytopathology* **49**:291-315.
- Radu S and Kqueen (2002) Preliminary screening of endophytic fungi from medicinal plants in Malaysia for antimicrobial and antitumour activity. *Malaysian Journal of Medical Sciences* **9**:23-33.

- Raviraja NS, Maria GL and Sridhar KR (2006) Atimicrobial Evaluation of Endophytic Fungi Inhabiting Medicinal Plants of the Western Ghats of India. *Engineering of Life Sciences* **6**:515-520.
- Rodrigues KF and Dias MB (1996) Fungal endophytes in the tropical grasses *Brachiaria brizantha* CV Manrandi and *Brachiaria humidicola*. *Pesquisa Agropecuaria Brasileira* **31**: 904-909.
- Rosenblueth M and Martinez-Romero E (2006) Bacterial endophytes and their interactions with hosts. *Molecular plant-Microbe Interactions* **19**: 827-837.
- Ruma K, Sunil K and Prakash HS (2013) Antioxidant, anti-inflammatory, antimicrobial and cytotoxic properties of fungal endophytes from *Garcinia* species. *International Journal of Pharmacy and Pharmaceutical Science* **5**(3):889-897.
- Ryan RP, Germaine K, Franks A, Ryan DJ and Dowling DN (2008) *FEMS Microbiology Letters* **278** (1):1–9.
- Saikkonen K, Helander M, Faeth SH, Schulthess F and Wilson D (1999) Endophyte-grass-herbivore interactions: the case of *Neotyphodium endophytes* in Arizona fescue populations. *Oecologia* **121**:411–420.
- Schulz B and Boyle C (2006) What are endophytes? In: Schulz BJE, Boyle CJC and Sieber TN (Ed.) *Microbial Root Endophytes*. Springer-Verlag, Berlin, pp 1–13.
- Schulz B, Boyle C, Draeger S, Rommert AK and Khrohn K (2002) Endophytic fungi: a source of novel biologically active secondary metabolites. *Mycological Research* **106** (9): 996-1004.
- Schulz B, Wanke U, Draeger S and Aust H (1993) Endophytes from herbaceous plants and shrubs: Effectiveness of surface sterilization methods. *Mycological Research* **97** (12):1447-145.
- Shadevan N, Vishnupriya S and Mathew J (2016) Isolation and functional characterization of endophytic bacterial isolates from *Curcuma longa*. *International Journal of Pharm and BioSciences* **7**(1): (B) 455 - 464

- Stierle A, Strobel GA and Stierle D (1993) Taxol and taxane production by *Taxomyces andreanae*, an endophytic fungus of Pacific yew. *Science* **260**:214–216.
- Strobel G and Daisy B (2003) bioprospecting for microbial endophytes and their natural products. *Microbiology and Molecular Biology Review* **67**:491-502.
- Strobel GA (2003) Endophytes as sources of bioactive products. *Microbes and Infection* **5**:535-544.
- Strobel GA, Hess WM, Li JY, Ford E, Sears J, Sidhu RS and Summerell B (1997) *Pestalotiopsis guipinii*, a taxol-producing fungal endophyte of the Wollemi pine, *Wollemia nobilis*. *Australian Journal of Botany* **45**:1093-1082.
- Suryanarayanan TS, Kumaresan V and Johnson JA (1998) Foliar fungal endophytes from two species of the mangrove *Rhizophora*. *Canadian Journal of Microbiology* **44**:1003-1006.
- Tan RX and Zou WX (2001) Endophytes: a rich source of functional metabolites. *Natural Product Reports* **18**:448-459
- Tejesvi MV, Mahesh B, Nalini MS, Prakash HS, Kini RK, Subbiah V and Shetty HS (2005) Endophytic fungal assemblages from inner bark and twig of *Terminalia arjuna* W&A (Combretaceae). *World Journal of Microbiology and Biotechnology* **21**:1535-1540.
- Tejesvi MV, Mahesh B, Nalini MS, Prakash HS, Kini RK, Subbiah V and Shetty HS (2005) Endophytic fungal assemblages from inner bark and twig of *Terminalia arjuna* W&A (Combretaceae). *World Journal of Microbiology and Biotechnology* **21**:1535-1540.
- Wang J, Li G, Lu H, Zheng Z, Huang Y and Su W (2000) Taxol from *Tubercularia* sp. strain TF5, an endophytic fungus of *Taxus mairei*. *FEMS Microbiology Letter* **193**:249-253.
- Wani MC, Taylor HL, Wall ME, Coggon P and McPhail AT (1971) Plant antitumor agent. VL. The isolation and structure of taxol, a novel antileukemia and antitumor agent from *Taxus brevifolia*. *Journal of American Chemical Society* **93**:2325-2327.

- Wilson AD (1995) Endophyte-the evolution of the term, a clarification of its use and definition. *Oikos* **73**:274-276.
- Yang X, Strobel GA, Stierli A, Hess WM, Lee J and Clardy J (1994) A fungal endophyte tree relationship: *Phoma* sp. in *Taxus wallichiana*. *Plant Science* **102**:1-9.
- Yu H, Zhang L, Li L, Sun P and Qin L (2010) Recent developments and future prospects of antimicrobial metabolites produced by endophytes. *Microbiological Research* **165**: 437-449.
- Zinniel DK, Lambrecht P, Harris NB, Feng Z, Kuczmarski D, Higley P, Ishimaru CA, Arunakumari A, Barletta RG and Vidaver AK (2002) Isolation and characterization of endophytic colonizing bacteria from agronomic crops and prairie plants. *Applied and Environmental Microbiology* **68**:2198–2208.