Publications

1. Geetha Suvarna and Bhagya B Sharma. Evaluation of Cytotoxic and Genotoxic effects of Cypermethrin on root meristems of *Allium cepa* L. *International Journal on Environmental Sciences*. 2016; Vol 7(2), 176 – 179.

2. Bhagya B. S. Namami Gange Yojane. Besuge, Annual magazine of Lions club Kodialbail, Mangalore. March 2017; 38 – 39.

3. Karun NC, Bhagya BS and Sridhar KR. Biodiversity of macrofungi in Yenepoya campus, Southwest India. *Microbial Biosystems Journal*. 2018; Vol 3 (1), 1-11.

4. Geetha Suvarna, Bhagya B. Sharma. Concanavalin – A Potential Glycoprotein. *Journal of Proteins and Proteomics*. 2018; Vol 9 (2), 77-90.

5. Bhagya B. Sharma. Health hazards of packed Prasadams. *Mangalore Today*. August 2018. Pp 28.

6. Karun, N.C. and Sridhar, K.R. Notes on stinkhorns (Phallaceae) in the Western Ghats and west coast of India. *KAVAKA - Transactions of the Mycological Society of India* 2019; 53, 22-28.

7. Geetha, S., Bhagya, B.S. and Sridhar, K.R. Impact of vermicompost on the productivity of two edible legumes. Journal of New Biological Reports. 2020; 9, 234-239.

8. Bhagya B. Sharma. The impact of the pandemic COVID-19 on the environment. Green Horizon. 2020; Vol 1(1), 36-39.

9. Dattaraj, H.R., Sridhar, K.R., Jagadish, B.R. and Pavithra, M. Bioactive potential of the wild edible mushroom *Ramaria versatilis*. *Studies in Fungi* 2020; 5, 73-83.

10. Sridhar, K.R. Dimensions, diversity and ecology of aquatic mycobiome. *KAVAKA - Transactions of the Mycological Society of India* 2020; 54, 10-23.

11. Geetha Suvarna, Ashwini Prabhu, Katheeja Muhseena N and Bhagya B. Sharma. *In vitro* cytotoxicity and apoptotic effect of concanavalins from *Canavalia* spp. on breast carcinoma cells. International Journal on Biological Sciences. 2020; 11(1): 15-22.

12. Sridhar K. R. The fascinating world of Mushrooms. *Green Horizon*. 2020; Vol 1(1), 15-17.

13. Geetha Suvarna, Bhagya B. Sharma. An analogy of *Canavalia* lectins by molecular phylogenetic characterization. *Journal of Proteins and Proteomics*. 2020; Vol 11(3), 193-203.

14. Pavithra, M., Sridhar, K.R., Karun N. C. A note on functional properties of two edible wild mushrooms. *International Journal of Agricultural Technology* 2020; 16(5): 1165-1174.

15. Sridhar, K.R., Nagesh, H. and Sharathchandra, K. Assemblage and diversity of asexual fungi in 10 terrestrial damp leaf litters: Comparison of two incubation techniques. *Asian Journal of Mycology* 2020; 3, 362-375.

16. Sridhar K. R. Biocompost and Pill-Millipedes. *Green Horizon*. 2020; Vol 1(2), 47-51.

17. Sridhar K. R. and Sharathchandra K. 2020. Ingoldian fungi in terrestrial damp woody litter of five tree species. MycoAsia – Journal of modern mycology. 2020; 07.

18. Mahadevakumar, S. and Sridhar, K.R. Plant-microbes interaction: Current developments and future challenges. In: *Advances in Plant Microbiome for Sustainable Agriculture*: Functional Annotation and Future Challenges. Yadav, A.N., Rastegari, A.A., Yadav, N. and Kour, D. (Ed.), Springer Nature. 2020.

19. Geetha Suvarna, Ashwini Prabhu, Katheeja Muhseena N and Bhagya B. Sharma. Cytotoxic and apoptotic activity of Canavalia seed extract in HT-29 human colon carcinoma cells. Biomedicine. 2021; 41(1): 104-111.

20. Ambarish, C.N. and Sridhar, K.R. 2021. Cytogenetics of two giant pill-millipedes of the genus *Arthrosphaera* (Sphaerotheriida) in the Western Ghats of India. In: Mutagenesis, Cytotoxicity and Crop Improvement: Revolutinizing Food Science. Bhat, T.A. (Ed.), Cambridge Scholars Press, UK, 466-480.

21. Ambarish, C.N. and Sridhar, K.R. 2021. Cytology of pill-millipedes (Diplopoda) with an emphasis on *Arthrosphaera disticta*. In: Mutagenesis, Cytotoxicity and Crop Improvement: Revolutinizing Food Science. Bhat, T.A. (Ed.), Cambridge Scholars Press, UK, 481-496.

22. Sridhar, K.R. and Pavithra, M. 2021. Bioprospect potential of gasteroid mushrooms of the genus *Astraeus*. In: *New and Future Developments in Microbial Biotechnology and Bioengineering -Recent Advances in Application of Fungi and Fungal Metabolites: Current Aspects*. Singh, J. and Gehlot, P. (Ed.). Elsevier BV, Amsterdam, 225-231.

23. Deshmukh, S.K., Sridhar, K.R. and Gupta, M.K. 2021. Application of selected *Xylaria* in traditional medicine. In: *Advances in Macrofungi: Pharmaceuticals and Cosmeceuticals*. Sridhar, K.R. and Deshmukh, S.K. (Ed.). CRC Press, Taylor & Francis Group, Boca Raton, 122-136. K.Y. (Ed.), Springer Nature Switzerland AG, 455-481.

24. Magyar, D., Van Stan, J.T. and Sridhar, K.R. 2021. Hypothesis and theory: Fungal spores in stemflow and potential bark sources. *Frontiers in Forests and Global Change* 4:623758. +10.3389/ffgc.2021.623758.

25. Ravikrishnan, V. and Sridhar, K.R. and Rajashekhar, M. 2021. Bioactive attributes of edible wild mushrooms of the Western Ghats. In: *Advances in Macrofungi: Pharmaceuticals and Cosmeceuticals*. Sridhar, K.R. and Deshmukh, S.K. (Ed.). CRC Press, Taylor & Francis Group, Boa Raton, 20-38.

26. Ravikrishnan, V., Sridhar, K.R. and Rajashekhar, M. 2021. Biochemical profile of six edible wild mushrooms of the Western Ghats. In: *Advances in Macrofungi: Industrial Avenues and Prospects*. Sridhar, K.R. and Deshmukh, S.K. (Ed.). CRC Press, Taylor & Francis Group, Boca Raton, 142-162.

27. Sridhar, K.R. and Pavithra, M. 2021. Bioactive compounds of Ceylon spinach [*Talinum triangulare* (Jacq.) Willd.]. In: *Bioactive Compounds in Underutilized Vegetables and Legumes*. Murthy, H.N. and Paek, K.Y. (Ed.), Springer Nature Switzerland AG, 151-168.

28. Sridhar, K.R. and Sharma, B.B. 2021. Bioactive compounds of jack beans (*Canavalia* species) In: *Bioactive Compounds in Underutilized Vegetables and Legumes*. Murthy, H.N. and Paek, K.Y. (Ed.), Springer Nature Switzerland AG, 455-481.

29. Geetha Suvarna, Bhagya B. Sharma and Sridhar KR. 2021. Carbohydrate-binding specificity of concanavalin lectin from *Canavalia* spp. Research Journal of Biotechnology. 2021; 16(10): 27-32.

30. Greeshma AA, Anu-Appaiah KA, Pavithra M, Sridhar KR. 2021. Biochemical profile for two ectomycorrhizal edible Mushroom of the Western Ghats. Fungal Biotec 1(2), 39-49, Doi 10.5943/FunBiotec/1/2/3.

31. Bhagya B Sharma, Srinivasa Naik and Sridhar KR. 2021.Archives of Biodiversity in Yenepoya Campus, Managalore, Karnataka, India. *Energy and Environment Management Audits*. Akinik publication. Delhi.

32. Sharthchandra K, Sridhar KR. 2021.Aquatic hyphomycetes in the lateritic cave streams of Southwestern India. *Studies in Fungi* 2020; 6(1): 480-487.

33. Srinivasa Naik. Observations on the Landslide Region in Kodagu (Karnataka), *Green Horizon*. 2021; Vol 2(1), 22-26.

34. Geetha Suvarna. Seagrsses, *Green Horizon*. 2021; Vol 2(1), 10-12.

35. Sridhar K.R. New Dimension of Mycology, *Green Horizon*. 2021; Vol 2(1), 16-21.

36. Sridhar K.R. On the Biodiversity in Tree Canopy, *Green Horizon*. 2021; Vol 2(2), 19-23.

37. Shivannegowda Mahadevakumar and Sridhar K.R.2021.Diversity of Pathogenic Fungi in Agricultural Crops. In: *Plant, Soil and Microbes in Tropical Ecosystems*. S.K dubey and S. K. Verma (Ed), Springer Nature Singapore, 101-149.

38. Bagyaraj, D.J., Sridhar, K.R. and Ashwin, R. 2022. Arbuscular mycorrhizal fungi influence crop productivity, plant diversity and ecosystem services. In: Fungal Diversity, Ecology and Control Management. Rajpal, V.R., Singh, I. and Navi, S.S. (Ed.). Springer Nature, Singapore, pp. 345-362. 10.1007/978-981-16-8877-5_16

39. Bhagya, B.S. and Sridhar, K.R. 2022. Assessment of groundwater quality for potability in Southwest Karnataka, India. Discovery 58, 728-734.

40. Chandra Mohana, N., Narendra Kumar, H.K., Mahadevakumar, S., Sowmya, R., Sridhar, K.R. and Satish, S. 2022. First report of Aspergillus versicolor associated with

fruit rot disease of Tomato (Solanum lycopersicum) from India. Plant Disease 106, 1300. 10.1094/pdis-07-21-1461-pdn

41. Deshmukh, S.K., Sridhar, K.R., Saxena, S. and Gupta, M.K. 2022. Recent advances in the discovery of metabolites from Xylaria Hill ex Schrank. In: Biology, Cultivation and Applications of Mushrooms. Arya, A. and Rusevska, K. (Ed.). Springer, Singapore, pp. 47-116. 10.1007/978-16-6257-7_3

42. Donat Magyar, John T. Van Stan II and Sridhar, K.R. Fungi of the "bark Side", Biodiversity. 2022; Vol 9,643131.

43. Krishna, M.P., Sreepada, K.S. and Sridhar, K.R. 2022. Anuran diversity in three landscapes of Kodagu region of the Western Ghats. In: Biodiversity, Conservation and Sustainability in Asia, Volume 2: Prospects and Challanges in South and Middle Asia. Öztürk, M., Khan, S.M., Altay, V., Efe, R., Egamberdieva, D. and Khassanov, F.O. (Ed.), Springer, Cham, 529-547. 10.1007/978-3-030-73943-0_29

44. Mahadevakumar, S., Deepika, Y.S., Sridhar, K.R., Amruthesh, K.N. and Lakshmidevi, N. 2022. First Report of Sclerotium rolfsii (=Athelia rolfsii) associated with root rot and leaf spot disease on clove basil (Oscimum gratissimum L.) in India. Journal of Plant Pathology 104, 449-450. https://doi.org/10.1007/s42161-021-01016-8

45. Ravikrishnan, V., Sridhar, K.R. and Rajashekhar, M. 2022.Bioactive profile of the wild mushroom Trogia cantharelloides. In: Fungal Diversity, Ecology and Control Management. Rajpal, V.R., Singh, I. and Navi, S.S. (Ed.). Springer Nature, Singapore, pp. 79-92. 10.1007/978-981-16-8877-5_5

46. Sharathchandra, K., Sridhar, K.R. and Rajashekhar, M. 2022. Diversity of cyanobacteria in thermal water bodies of southwest India. In: Biodiversity, Conservation and Sustainability in Asia,Volume 2: Prospects and Challanges in South and Middle Asia. Öztürk, M., Khan, S.M., Altay, V., Efe, R., Egamberdieva, D. and Khassanov, F.O. (Ed.), Springer, Cham, 149-161.10.1007/978-3-030-73943-0_9

47. Sridhar, K.R., Karamchand, K.S., Sudheep, N.M., Maria, G.L. and Arun, A.B. 2022. Diversity of freshwater ascomycetes in the Western Ghats of India. In: Freshwater Mycology: Perspectives of Fungal Dynamics in Freshwater Ecosystems. Bandh, S.A. and Shafi, S. (Ed.). Elsevier Inc., pp. 21-36.

48. Tejaswini, G.S., Mahadevakumar, S., Sowmya, R., Deepika, Y.S., Meghavarshinigowda, B.R., Nuthan, B.R., Amruthesh, K.N. and Sridhar, K.R. 2022. Molecular detection and pathological investigations on southern blight disease caused by Sclerotium rolfsii on cabbage (Brassica oleracea var. capitata) – A new record in India. Journal of Phytopathology 170, 363-372.