

BioData

Name : **Rajeshwari D Sanakal**

Designation: **Associate Professor**

Educational Qualifications :M.Sc,Ph.D, PGDCA

Scholarships/Awards/Fellowships Aailed:

- Received Amrita Devi Bishnoi Gold medal Award constituted by Zoological Society of India, Gaya.
- Edited two books
- Research Guide in Zoology, Karnatak University, Dharwad

Publications

1. Shama Shavi and Rajeshwari D. Sanakal (2023),A Study On Water Quality Of Malaprabha River Near Munavalli Town Of Belagavi District, Karnataka, Journal of Survey in Fisheries Sciences, , 10(1) ,2378-2387
2. Srinivas B Neglur, Rajeshwari D Sanakal, Muniswamy David (2022). Fenoxapro-P-Ethyl Induced Biochemical Changes in Fresh Water Fish *Cyprinus carpio* under Sublethal Exposure. East African Scholars J Agri Life Sci, 5(1), 1-9. (International Journal Peer reviewed- ISSN 2617-7277).
3. Neglur S B, **Sanakal R D**, David M, Prakash L (2021), “Studies on haematological and histopathological alterations induced by sublethal concentration of fenoxaprop-p-ethyl on freshwater fish *Cyprinus carpio*” Explor Anim Med Res 11(1): 55-66. DOI: 10.52635/EAMR/11.1.55-66(UGC Web of Science-International Journal)
4. Srinivas Bharamappa Neglur, Muniswamy David and **Rajeshwari D. Sanakal** (2021). “Studies on Fenaxoprop-P-Ethyl Induced Antioxidant Response in *Cyprinus carpio L.*” Res. Jr. of Agril. Sci. (Nov-Dec 2021) 12(6): 2185–2192
5. Satapute, P., **Sanakal, R.D.**, Mulla, S.I. B.B.Kaliwal,. “Molecular interaction of the triazole fungicide propiconazole with homology modelled superoxide dismutase and catalase” Environmental Sustainability, 2019. <https://doi.org/10.1007/s42398-019-00083- pp-1-11>

6. G. G. Biradar, **R. D. Sanakal**, R. B. Kaliwal, Shivasharan C.T and B.B. Kaliwal . “In Silico Characterization Of Putative Drug Targets In *Pasteurella Multocida* Causing Fowl Cholera”,**2016**, World Journal Of Pharmaceutical Research,**Volume 5, issue 3, 1837-1847**
7. P.C.Bhasme, M.M.Kurjogi ,R.D.Sanakal,R.B.Kaliwal & B.B. Kaliwal, “In Silico Characterization Of Putative Drug Targets In *Staphylococcus Saprophyticus*, Causing Bovine Mastitis” , 2013, **Bioinformation**, 9(7): 339-344
8. M.M.Kurjogi, **R.D.Sanakal** & B.B.Kaliwal, 2012, “Identification And Analysis Of Putative Promoter Motifs In Bovine Herpes Virus”, **Bioinformation**, 8(23): 1167-1170.
9. A A. Shetti, **R. D. Sanakal** and B. B. Kaliwal , 2012 Antidiabetic effect of ethanolic leaf extract of *Phyllanthus amarus* in alloxan induced diabetic mice, **Asian Journal of Plant Science & Research**,Volume 2: Issue 1: Page No: 11-15
10. J. F. Chinchali ,**R.D.Sanakal** and B.B Kaliwal, 2012 “Effect of *Clerodendrum serratum* leaf extract on biochemical and oxidative stress parameters of testis in 7, 12-dimethylbenz[a]anthracene induced skin carcinogenesis in Swiss albino mice”, **Recent Research in Science and Technology** 4(7): 08-15 ,ISSN: 2076-5061
11. S.S. Dodamani, **R.D. Sanakal**, and B.B. Kaliwal.,2012. Effect of ethanolic leaf extract of *Nymphaea odorata* on biochemical and oxidative stress parameters of liver and pancreas in alloxan induced diabetic mice. **Res. Opin. Anim. Vet. Sci.** 2(3): 151-157
12. S.S.Dodamani, **R.D.Sanakal**, B.B. Kaliwal 2012, ,Antidiabetic efficacy of ethanolic leaf extract of *nymphaea odorata* in Alloxan induced diabetic mice, **International Journal of Pharmacy and Pharmaceutical Sciences** Vol. 4, Issue 2, 338-341.
13. Jayaraj. F. Chinchali, **Rajeshwari. D. Sanakal** and Basappa. B. Kaliwal, 2011, “Evaluation of anticarcinogenic activity of *Clerodendrum serratum* leaf extract on liver and kidney of 7, 12-dimethylbenz[a]anthracene (DMBA) induced skin carcinogenesis in mice”, **European Journal of Experimental Biology**, 1 (4):130-141
14. P .Vyshali , K.J.Thara Saraswati, **Rajeshwari Sanakal** & B.B.Kaliwal ,2011, “Inhibition of Aldose Activity by Essential Phytochemicals of *Cymbopogon Citratus* (DC.) Stapf “,**International Journal of Biometrics and Bioinformatics** (IJBB), Volume (5) : Issue (5) : 2011, 257-267

15. Kaliwal B.B. ; Sadashiv S O ; Kurjogi M.M, **Sanakal R.D** ,2011, "Prevalence and Antimicrobial Susceptibility of Coagulase-Negative Staphylococci isolated from Bovine Mastitis", , **Veterinary World**, 4(4),158-161
16. **Rajeshwari D Sanakal** & Basappa B Kaliwal ,2011 , "Vancomycin Resistance Genes in Various Organisms- An Insilico Study", **International Journal of Biometrics and Bioinformatics (IJBB)**, Volume (5) : Issue (2) :111-129
17. Kurjogi M. M., **Sanakal R. D.**, Kaliwal B. B. 2010, Antibiotic susceptibility and antioxidant activity of *Staphylococcus aureus* pigment staphyloxanthin on carbon tetrachloride (ccl4) induced stress in swiss albino mice **International Journal of Biotechnology Applications** ,Vol. 2, Issue 2, , pp-33-40
18. **R.D.Sanakal**, S,S,Ingalhalli, K.K.Singh, S. Basavarajappa, S.B.Hinchigeri and C.J.Savanurmata "Infectious Flacherie of the Silkworm *Bombyx mori* in Northern districts of Karnataka, India".(1996), **Indian Journal of Sericulture**, Vol.35., No .2, 90-94
19. K.K.Singh, S.S.Ingalhalli, **R.D.Sanakal**, S.B.Hinchigeri, S.Basavarajappa and C.J.Savanurmata, "Characterisation of a geographical isolate nuclear polyhedrosis virus of the silkworm, *Bombyx mori* (L.)", (1996), **Sericologia**, 36(4), pp. 633-639.
20. C.J.Savanurmata, S.Basavarajappa, S.B.Hinchigeri, S.S.Ingalhalli, K.K.Singh and **R.D.Sanakal** , "Pre-disposing factors for viral diseases of the Silkworm, *Bombyx mori* L. under Agroclimatic conditions of Northern Karnataka", (1995), **Indian Journal of Sericulture**, Vol.34, No. 2, 93-99
21. C.J.Savanurmata, S.Basavarajappa, S.B.Hinchigeri, S.S.Ingalhalli, K.K.Singh and **R.D.Sanakal**, "Relative incidence of the silkworm viral diseases in agro-climatic zones of Northern districts of Karnataka, India" (1994), **Bulletin of Sericulture Research**, Bangladesh, Vol.,5 : 51-55
22. **R.D.Sanakal**, C.J.Savanurmata, S.S.Ingalhalli, K.K.Singh and S.B.Hinchigeri, "Effect of flacherie on different economic parameters of the silkworm, *Bombyx mori* L. from Northern Karnataka region" March (1994), **Proceedings of Second National Seminar on Sericulture**, Madras University, Vellore,pp 252-257.
23. K.K.Singh, C.J.Savanurmata, **R.D.Sanakal** and S.B.Hinchigeri, "Effect of feeding different stages of mulberry leaves on growth and economic parameters of *Bombyx mori* (L.) during nuclear polyhedrosis". March (1994), **Proceedings of Second National Seminar on Sericulture**, Madras University, Vellore, pp 113-124.
24. C.J.Savanurmata,S.Basavarajappa, S.S.Ingalhalli, **R.D.Sanakal** and K.K.Singh, "A status paper on: The sericultural activities and the incidence of silkworm viral diseases in northern districts of

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