

Publications

1. **Anbumani, S.** and Mary N. Mohankumar (2010). Assessment of Baseline Cytogenetic damage in fishes inhabiting the backwaters of Kalpakkam. **IGC Newsletter, Vol 84, (ISSN 0972 – 5741).**
2. **Anbumani, S.** and Mary N. Mohankumar (2011). Occurrence of Nuclear and Cytoplasmic abnormalities in the fish *Catla catla* (Ham.) exposed to low doses of physical and chemical agents using micronucleus assay. **Research Journal of Environmental Sciences, 5(12), (ISSN 1819-3412) (H Index – 4).**
3. **Anbumani, S.** and Mary N. Mohankumar (2012). Gamma radiation induced micronuclei and erythrocyte cellular abnormalities in the fish *Catla catla*. **Aquatic Toxicology, 122, Pp. 125-132. (5 year Impact factor – 4.225)**
4. Rajini, A., Gopi, R.A., Bhuvana, V., Goparaju, A., **Anbumani, S.**, 2014. Alachlor 50% EC induced biochemical alterations in *Clarias batrachus* during and after cessation of exposure. **International Journal of Fisheries and Aquatic Studies, 2(2): 59-63. ISSN: 2347-5129**
5. **Anbumani, S*., Mohankumar, M.N.**,2014.Cytogenotoxicity assessment of monocrotophos and butachlorat single and combined chronic exposures in the fish *Catla catla* (Hamilton). **Environmental Science and Pollution Research.** DOI 10.1007/s11356-014-3782-y(**5 year Impact factor – 2.757**)
(* - Corresponding Author)
6. **Anbumani, S*., Mohankumar, M.N.**,2015. Gamma radiation induced cell cycle perturbations and DNA damage in *Catla catla* as measured by flow cytometry. **Ecotoxicology and Environmental Safety, 113, 18-22. (5 year Impact factor – 2.715) (* - Corresponding Author)**
7. **S. Anbumani** and Mary N. Mohankumar. Nucleoplasmic bridges and Tailed nuclei are signatures of radiation exposure in *Oreochromis mossambicus*. **(Communicated to Environmental Science and Pollution Research).**
8. **S. Anbumani** and Mary N. Mohankumar. Gene expression studies in the fish *Catla catla* (Ham.) exposed to acute and protracted doses of gamma radiation. **(Communicated to Aquatic Toxicology).**
9. **S. Anbumani.** A review on nuclear and cytoplasmic abnormalities in fish exposed to xenobiotics. **(Manuscript under preparation).**