

**IMPACTS OF MERCURIC CHLORIDE AND POLYCHLORINATED BIPHENYLES
ON THE BIOCHEMICAL, BIOMOLECULAR LEVEL OF ZEBRAFISH-
DANEORERIO (HAMILTON, 1822)**

S. Krishnaveni¹, R. Vijayalakshmi²

¹Associate professor of Zoology, A.D.M College for women (Autonomous), Nagapattinam, India

Abstract

It is critical for Monitoring and assessing the effects of aquatic contaminants for the preservation of human health and the environment. The aim of the study is to further evaluatic the effects of acute exposure and the involvement of physiological, developmental, histopathological, biochemical and biomolecular changes in the loxicity induced by Mercuric Chloride and PCBS in Zebrafish (Daniorerio) with special attempts to assess the neurotransmitter level, altered protein level by the Modulation of gene expression and also the involvement of Oxidative stress.