

# **ASCORBIC ACID ASSOCIATED CHANGES IN SOME BIOCHEMICAL PARAMETERS OF THE FRESHWATER FISH, *CHANNA PUNCTATUS***

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## **ABSTRACT**

Lactate dehydrogenase (LDH) and catalase (CAT) activities increased 1.4-2.2 fold in liver, brain, gill and skeletal muscle of the freshwater fish, *Channa punctatus* on administration of ascorbic acid. DNA, RNA and protein content of these tissues also enhanced 1.4-1.9 fold, with this treatment. Ascorbic acid appears to induce increase in anabolic activity of this fish.

**KEY WORDS:** LDH, CAT, DNA, RNA, Fish, *Channa punctatus*, Ascorbic acid