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Authors: Tandrima Mitra, Bimal Prasanna Mohanty, Sasmita Mohanty, Gopal Krishna Purohit, Basanta Kumar Das



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Expression patterns and mutation analysis of p53 in fish *Rita rita* from polluted riverine environment

Tandrima Mitra¹, Bimal Prasanna Mohanty^{1*}, Sasmita Mohanty^{2*}, Gopal Krishna Purohit², Basanta Kumar Das¹

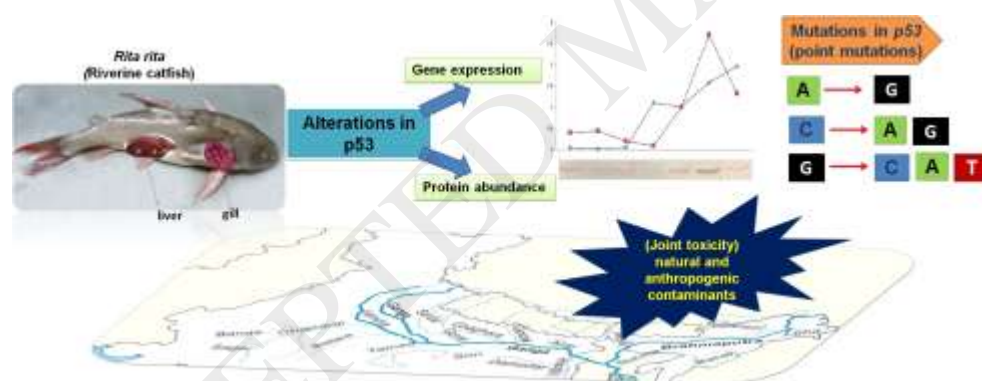
¹ICAR- Central Inland Fisheries Research Institute, Fishery Resource and Environmental Management Division, Biochemistry Laboratory, Barrackpore, Kolkata 700120, India

²School of Biotechnology, KIIT University, Bhubaneswar-751024, Odisha

*Corresponding author. Tel/Fax: +91-33-2545 2061

E-mail address: bimal.mohanty@icar.gov.in (B. P. Mohanty); smohanty@kiitbiotech.ac.in (S. Mohanty)

Graphical abstract



Highlights

- p53 was down regulated in >60% of the stretches studied
- Liver is superior to gill for studying p53 expression analysis
- Mutation observed in DNA binding domains IV and V of p53
- 8 mutations were identified; 6 missense and 2 at codon level

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