

## CARCINOGENIC POTENTIAL OF CERTAIN CHEMICAL AGENTS IN ZEBRAFISH: A SHORT REVIEW

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**Abstract.** *Zebrafish are an increasingly valuable model for cancer research due to their rapid development, genetic similarities to humans, and optical transparency, which allows real-time tumor observation. These fish have been used to study various cancers through exposure to carcinogens. Additionally, zebrafish share key genetic traits with humans, making them ideal for studying tumor mechanisms and testing therapies. Their ability to model carcinogenesis, track tumor progression non-invasively, and evaluate environmental toxins highlights their potential in advancing cancer research and drug discovery.*

**Keywords:** *Zebrafish*, Carcinogenic, Animal mode, Cancer Tumor Development

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