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## BIODEGRADATION OF ANTHRAQUINONE BASED COMPOUNDS: REVIEW

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### Abstract

*Anthraquinone dyes, the second largest class of dyes used extensively in the textile industries. But majority of these recalcitrant dyes are resistant to degradation due to their fused aromatic structure. This necessitates the need to explore effective treatment systems for the degradation of anthraquinone dyes. Though several physico-chemical decolorization techniques have been reported only few have been accepted by the textile industries. Among the current remediation technologies, biodegradation of these synthetic dyes by different microbes is emerging as an effective and promising approach. This review paper focuses on the science of various microbial strains and the enzyme systems involved in the biodegradation of anthraquinone dye.*

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Current remediation technologies, Biodegradation and Enzyme systems

### Index Keywords

Enzyme systems, Dyestuff sector and Recalcitrant nature leading

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