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## Barks as biosorbent for exclusion of heavy metals-A review

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### ABSTRACT

*Heavy metals are non-biodegradable and tend to accumulate in living organisms causing diseases and disorders. Conventional methods for their removal are often ineffective (especially at environmental levels), expensive and unavailable in developing countries. Biosorption is an emerging field in removal of heavy metals for its cost effectiveness, selectivity, high efficiency, minimization of chemical and /or biological sludge, no additional nutrient requirements, and regeneration of biosorbent with possibility of metal recovery. It has great potentials for application in developing economies especially in India because of available profuse biodiversity as it involves the use of living or non-living biological materials for pollutants' removal from aqueous solutions and industrial effluents. Present paper has elucidated developments in the use of barks as biosorbents for the remediation of waters and wastewater as an upcoming green technology with practical futuristic relevance.*

**Keywords:** Biosorption, Heavy metals.

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