

## Waste Bamboo Derived Magnetically Separable Bamboo Activated Carbon: From Characterization to Effective Remediation of fluoride (F<sup>-</sup>) ions from water

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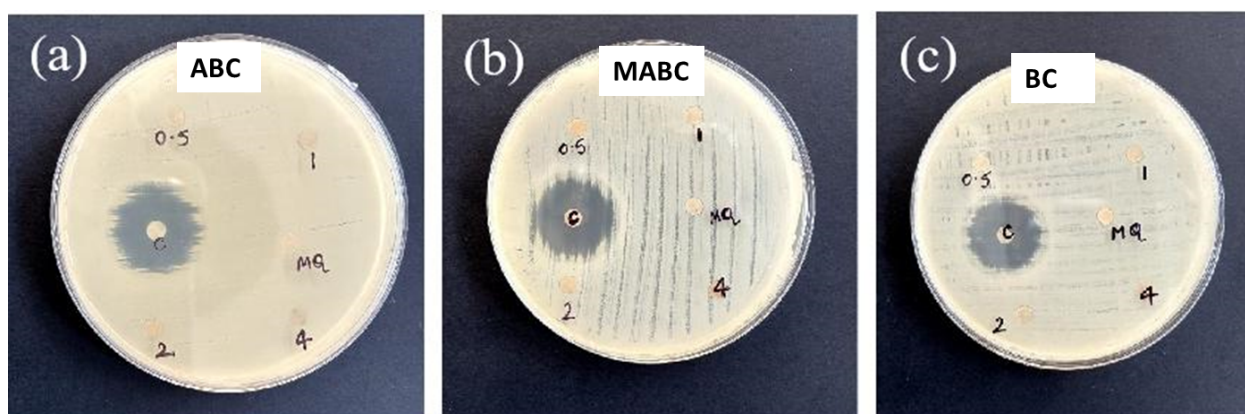
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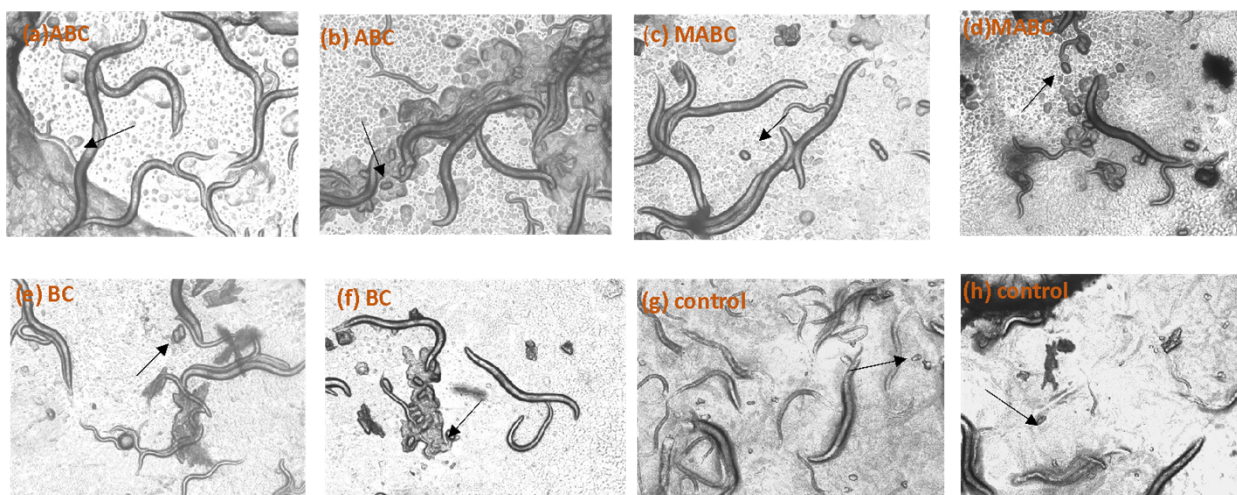
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### Supplementary Files



**Fig. S1 (a-c):** Agar disk diffusion method for the antimicrobial property of (a) Activated bamboo carbon (ABC), (b) Magnetite-activated bamboo carbon (MABC) & (c) Bamboo carbon (BC).



**Fig. S2 (a-h):** Cytotoxicity analysis of ABC (a, b), MABC (c, d) & BC (e, f) against *C. elegans* (arrows indicating eggs) compared with the control group without nanoparticles treatment (g, h).