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Clinical Image Open Access

Scanning Electron Micrographs of Pellets of *Aspergillus fumigatus*

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Clinical Image

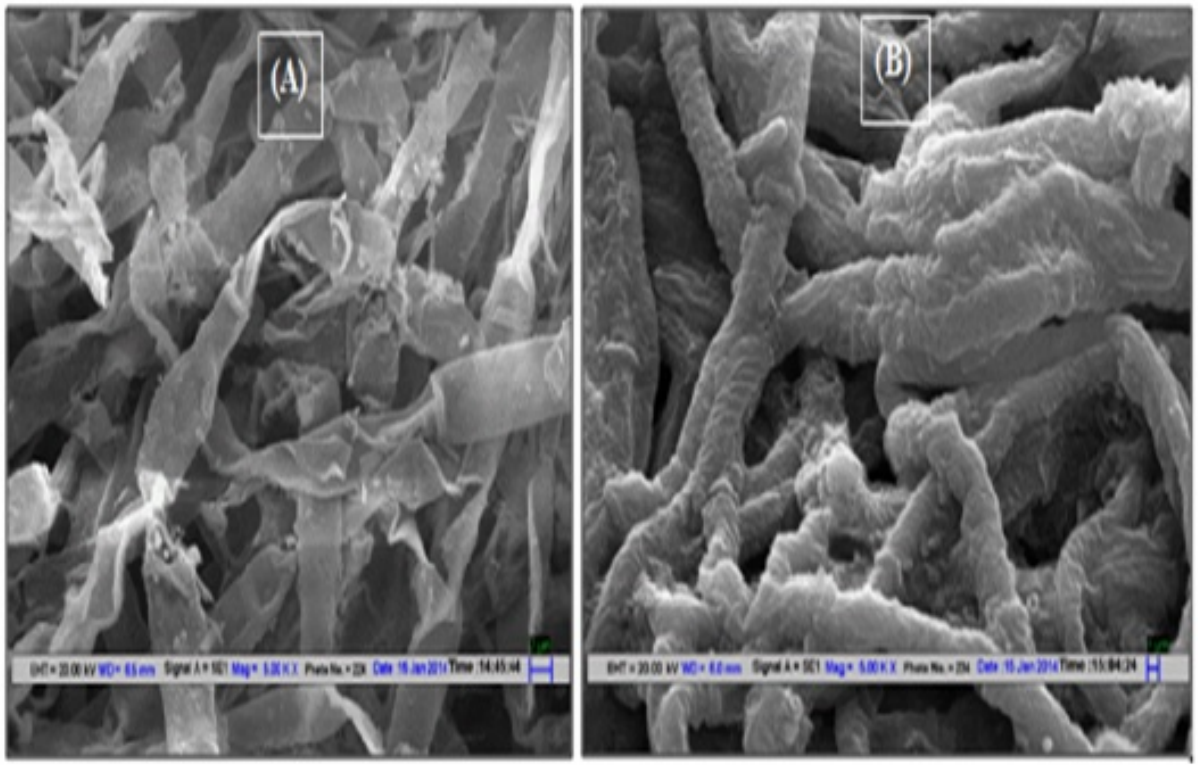

Figure 1: Scanning electron micrographs of pellets of *Aspergillus fumigatus*. (A) In absence of chromium; (B) 30 mg/L of Chromium.

In the present study, the bioremediation of metals by microorganisms from contaminated water bodies was studied. The aim was to elucidate the mechanism of uptake of metals from metal amended synthetic media by fungus in particular. In the figures provided,the SEM micrographs reveals a clear distinction between the biotic control and the mycelia stressed with 30 mg/l of chromium. The fungal hyphae in control is loosely packed and ribbon like than in case of chromium free environment. Highly condensed mycelia were observed particularly in case of 30 mg/L Chromium. Thus in stressful environment the fungal mycelia aggregates and thus tends to reduce the exposed surface area (Figure 1).