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ISOLATION AND SCREENING OF LIPASE PRODUCING FUNGI FROM SOIL SAMPLES OF JABALPUR

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ABSTRACT: A total of 18 fungi were isolated from soil samples of Jabalpur and were screened for their lipolytic potential. Eleven isolates exhibited lipolytic activity. Maximum lipolytic activity was exhibited by *Rhizopus* # 15 and *Aspergillus* # 6. Maximum lipase production by *Rhizopus* # 15 was observed after 3 days of incubation and when olive oil was used as the lipid source.

Key words: *Fungal isolates, Lipolytic activity, Rhizopus spp.*