

Indian J. Trop. Biodiv. **19(1&2)** : 141 - 145 (2011)
© Society for Promotion of Tropical Biodiversity, Jabalpur

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

ABHA BAJPAI AND VIDHI PANTHI

Department of Biochemistry, Mata Gujri Mahila Mahavidyalaya, Jabalpur.

ABSTRACT : Eighteen 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 followed by *Aspergillus* # 6. Maximal lipase activity for *Rhizopus* # 15 was observed after 3 days of incubation with olive oil as the lipid source.

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