

**Fapohunda, S.O.** 2006. Production of lipase and toxic metabolites by *Cladosporium cladosporioides* under varied conditions. – *Mycologia Balcanica* **3**: 89-93.

**Abstract.** *Cladosporium cladosporioides* was investigated for the production of lipase and toxic metabolites under varied conditions. Shea butter and groundnut oil promoted lipase elaboration. As the species ages in broth, lipase production increases and a considerable growth accompanied the lowering of pH to 4.0. Also some antifungal metabolites were produced, although they did not have any effect on *Mucor hiemalis* and *Aspergillus flavus*. Active charcoal was an effective adsorbent of the antimicrobial secreted into the broth.

**Key words:** *Cladosporium cladosporioides*, lipolytic activity, toxigenic fungi