

Appraisal of antifungal activity of *Aloe vera*

***Rukhsana Bajwa, Sobiya Shafique and Shazia Shafique**

*Department of Mycology and Plant Pathology,
University of the Punjab, Quaid-e-Azam Campus, Lahore, Pakistan.
E-mail: rukhsanabajwa_mpppl@yahoo.com

Abstract

In vitro studies were carried out to evaluate the antifungal activity of *Aloe vera* shoot extract in aqueous (polar) and organic (non-polar) solvents against few pathogenic species of genus *Alternaria* viz., *A. alternata*, *A. citri* and *A. tenuissima*. The assessments revealed that *Aloe vera* contained substantial antimicrobial efficacy. The shoot aqueous extracts caused significant inhibition in growth and biomass production of the three tested fungi. In case of n-hexane extraction the inhibitory effect was found to be variable with the applied concentration.

Keywords: *Aloe vera*, *Alternaria alternata*, *A. citri* and *A. tenuissima*.