




 **Current Issue**

 **Browse Issues**

 **Search**




 **About this Journal**

 **Instruction to Authors**

 **Online Submission**

 **Subscription**

 **Contact Us**



 **RSS Feed**

Acta Medica Iranica

2009;47(4) : 189-191

"Airborne Fungi in Indoor and Outdoor of Asthmatic Patients' Home, Living in the City of Sari "

Mohammad Taghi Hedayati, Saba Mayahi, Reza Aghili, Kayvan Goharimoghadam

Abstract:

The aim of this study was identification of fungi in indoor and outdoor of asthmatic patients' home environment. Opened plates (containing of Malt extract agar media) were used for isolation of fungi in the air of indoor (n=360) and outdoor (n=180) of 90 asthmatic patients' home living in the city of Sari at the level of breathing height. Plates were incubated in room temperature for 7-14 days. Then grown fungi were identified by standard mycological techniques. A total of 1876 colonies with 31 and 1692 colonies with 27 genera of fungi were identified from indoor and outdoor of asthmatic patients' home respectively. The most common fungi isolated were Cladosporium, Aspergillus and Penicillium. Stachibotryis, Oedocephalum, and Stemphillium showed the least frequencies among the isolated fungi. Cladosporium, Aspergillus, Penicillium, and Alternaria as the most common allergenic moulds had the most frequencies in indoor air of the houses of asthmatic patients.

Keywords:

Alternaria . Cladosporium . Penicillium

TUMS ID: 2710

Full Text HTML  Full Text PDF  240 kB

top ▲

[Home](#) - [About](#) - [Contact Us](#)

TUMS E. Journals 2004-2009
Central Library & Documents Center
Tehran University of Medical Sciences

Best view with Internet Explorer 6 or Later at 1024*768 Resolutions