

New record of *Scedosporium dehoogii* from Chile: Phylogeny and susceptibility profiles to classic and novel putative antifungal agents *Scedosporium dehoogii*, un nuevo reporte de Chile: filogenia y perfiles de sensibilidad a antifúngicos clásicos y a nuevas

Alvarez, Eduardo

Sanhueza, Camila

© 2016 Asociación Española de Micología Background *Scedosporium* species are considered emerging agents causing illness in immunocompromised patients. In Chile, only *Scedosporium apiospermum*, *Scedosporium boydii* and *Lomentospora prolificans* haven been reported previously. Aims The study aimed to characterize genetically *Scedosporium dehoogii* strains from Chilean soil samples, and assessed the antifungal susceptibility profile to classic and novel putative antifungal molecules. Methods In 2014, several samples were obtained during a survey of soil fungi in urban areas from Chile. Morphological and phylogenetic analyses of the internal transcribed spacer region (ITS), tubulin (TUB), and calmodulin (CAL) sequences were performed. In addition, the susceptibility profiles to classic antifungal and new putative antifungal molecules were determined. Results Four strains of *Scedosporium dehoogii* were isolated from soil samples. The methodology confirmed the species (reported here as a new recor