

Accepted Manuscript

Title: Isolation and molecular characterization of
Acanthamoeba from patients with keratitis in Spain

Authors: T. Martín-Pérez, A Criado-Fornelio, J Martínez,
M.A. Blanco, I Fuentes, J Pérez-Serrano



PII: S0932-4739(17)30053-6
DOI: <http://dx.doi.org/doi:10.1016/j.ejop.2017.06.009>
Reference: EJOP 25519

To appear in:

Received date: 8-3-2017
Revised date: 23-6-2017
Accepted date: 28-6-2017

Please cite this article as: Martín-Pérez, T., Criado-Fornelio, A, Martínez, J, Blanco, M.A., Fuentes, I, Pérez-Serrano, J, Isolation and molecular characterization of *Acanthamoeba* from patients with keratitis in Spain. *European Journal of Protistology* <http://dx.doi.org/10.1016/j.ejop.2017.06.009>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Isolation and molecular characterization of *Acanthamoeba* from patients with keratitis in Spain

Martín-Pérez T^{a*}, Criado-Fornelio A^a, Martínez J^a, Blanco MA^b, Fuentes I^c, Pérez-Serrano J^a.

^aDepartamento de Biomedicina y Biotecnología, Laboratorio de Parasitología, Grupo ECOMYP, Facultad de Farmacia, Universidad de Alcalá, 28805 Alcalá de Henares, Madrid, Spain

^bDepartamento de Microbiología y Parasitología, Facultad de Farmacia y Bioanálisis. Universidad de Los Andes, Mérida, Venezuela

^cServicio de Parasitología, Centro Nacional de Microbiología, Instituto de Ciencias de la Salud Carlos III, Carretera Majadahonda-Pozuelo km 2, 28224 Majadahonda, Madrid, Spain

*Corresponding autor: Departamento de Biomedicina y Biotecnología, Grupo ECOMYP, Facultad de Farmacia, Universidad de Alcalá, 28805 Alcalá de Henares, Madrid, Spain. E-mail: tania.martinp@gmail.com

Abstract

In order to improve our knowledge on the epidemiology of amoebic keratitis, as well as the identification of *Acanthamoeba* isolates, we have isolated *Acanthamoeba* spp. from five symptomatic patients in Spain in the present study. All isolates were grown in axenic liquid medium, with only one exception. The morphology of these isolates were

Download English Version:

<https://daneshyari.com/en/article/8382781>

Download Persian Version:

<https://daneshyari.com/article/8382781>

[Daneshyari.com](https://daneshyari.com)