Reviewer's report

Title: Keratitis by Fusarium temperatum, a novel opportunist

Version: Date: 23 July 2014

Reviewer: Tadeja Matos

Reviewer's report:

This article is interesting as it describes a quite rare causative agent of fungal keratitis in humans. In it, it is very well described the natural ecological niche and the way in which the infection occurs.

Authors emphasize the importance of the molecular methods as a help for the identification of such agents, and also accurately describe the morphology and taxonomic analysis of the new species of fungal keratitis.

As a result of the review, there can be found minor essential revisions, that are listed below, in eight segments. It is my suggestion to publish the article, considering mentioned minor corrections.

1) Abstract

Row 43: unnecessary dot/full stop: Abstract.
Row 48: unnecessary space: and immunosuppression.

2) Background

Row 74: comma instead of dot: scale. fusariosis

3) Case report

Row 108: Figure 1A instead of Fig.1A
Row 110: Figure 1A instead of Fig.1A
Row 184: Add the name of the document: the CLSI broth microdilution method, M38-A2

4) Results

Row 206: Figure 1C instead of Fig.1C and the same in the text (see rows 206 – 217, row 303)
Row 319: natamycin instead of the NAT

5) Abbreviation

Row 336: Add: NATA: natamycin

6) References
of van Baarlen, van Belkum, Summerbell R, Crous P.W, and
Row 513: Paphitou N, instead of Paphitou, N,

7) Tables

Table 1 MIC values of clinical isolate Fusarium temperatum, CBS135540 instead of Table1- MICs values of clinical isolate (mg/liter)a
Drug instead of CBS no
MIC values (mg/l) instead of 135540
Table 2 PCR primers used for amplification … instead of Table2-PCR primers used for amplification …
Table 3 Strain features and GenBank instead of Table3-Strain features and GenBank
See in the Table 3: F. ananatum instead of F.ananatum

8) Additional files

Growth of the isolate F. temperatum on OA, instead of Growth of the isolate F.temperatum on OA,
with false heads; (G). instead of with false heads;(G).

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests