Reviewer's report

Title: Pulmonary fungus ball caused by Penicillium capsulatum in a patient with type 2 diabetes: a case report and literature review

Version: 3 Date: 13 June 2013

Reviewer: Brunella Posteraro

Reviewer's report:

I re-reviewed the manuscript by Chen et al. and I found it greatly improved. However, while all my criticisms were satisfied, there are some problems that were generated during the re-writing of the manuscript and that need to be addressed by the authors. To my general impression, the English was not completely ameliorated, so I would also ask the authors to re-revise the language.

Specific comments

Lines 43 and 47. Remove the acronyms “HE” and “ITS”.

Line 49. Modify the incipit as suggested: “Although the prognosis is often satisfactory, …..”

Line 65. Remove “both” and the comma after “hosts”.

Line 68. The reference number [6] is wrong. Should it be [4]? If yes, please re-list the references 4 to 6, according to the numerical order as they appear in the Background. For example, the now reference [5] is cited below.

Line 69. “now” should be “formerly”. In the same line, please change “Penicillium marneffei” to “P. marneffei”.

Line 100. Substitute “ribosomal internal…….” with “molecular sequence analysis.”, as it has already been suggested. The method is detailed a few lines below! Also, “macroscopical” should read “macroscopic”.

Line 110. As specified above, the reference cited should not be indicated as [3].

Line 113. Once again, please correct the reference number [12]. What did it happen to the references [7] to [11]? Were these eliminated?

Line 115. A curiosity. Is the therapy with the two antifungals sequential. As such, it is unclear. Modify it in the Abstract accordingly.

Line 119. Please give the (wright!, I now hope) reference number, after “Lyratzopoulos et al.”.

Line 130. “infections” should read “infection”.

Line 135. “capsulatum” is erroneously in capital letter.

Line 139. “evaluated in its response” should be better as “tested in vitro against six ….”. Why caspofungin was not tested? Also, as the additional Table 1 shows, the study clinical strain can be considered resistant to fluconazole, but the
treatment seemed to be effective in vivo. This should be discussed, to my opinion.

Lines 142 and 143. Modify the last sentence as “strains isolated from environmental sources and the CBS 134186 isolate (Table 1).” Also change “significant” with “substantial”.

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

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