Caspofungin cerebral penetration and therapeutic efficacy in experimental cerebral aspergillosis

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Corresponding Author(s): Stefan Zimmerli, Bern University Hospital, Inselspital

Review Timeline:

| Event                  | Date       |
|------------------------|------------|
| Submission Date        | April 3, 2022 |
| Editorial Decision     | April 5, 2022 |
| Revision Received      | April 6, 2022 |
| Accepted               | April 6, 2022 |

Editor: Dimitrios Kontoyiannis

Reviewer(s): The reviewers have opted to remain anonymous.

Transaction Report:

(Note: With the exception of the correction of typographical or spelling errors that could be a source of ambiguity, letters and reports are not edited. The original formatting of letters and referee reports may not be reflected in this compilation.)

DOI: https://doi.org/10.1128/spectrum.02753-21
April 5, 2022

Dr. Stefan Zimmerli
Bern University Hospital, Inselspital
Dept. of Infectious Diseases
Freiburgstr.
Bern
Switzerland

Re: Spectrum02753-21 (Caspofungin cerebral penetration and therapeutic efficacy in experimental cerebral aspergillosis)

Dear Dr. Stefan Zimmerli:

Acknowledging more some key limitations of this otherwise sound work would strengthen this manuscript. I would suggest that the authors should modify slightly at the end (line 334) as follows (additions in CAPITAL letters):

.... and IF confirmed in other animal models, ESPECIALLY IMMUNOSUPRESSED MURINE MODELS AND BY USING ADDITIONAL ASPERGILLUS ISOLATES ACROSS A RANGE OF CAS MECs, WOULD SUGGEST that CAS merits further study..

If they make that change, I would recommend acceptance (NO need to see it again)

DPK

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Dimitrios Kontoyiannis

Editor, Microbiology Spectrum

Journals Department
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1752 N St., NW
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Reviewer comments:

Staff Comments:
Preparing Revision Guidelines

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Thank you for submitting your paper to Microbiology Spectrum.
We want to thank the editor for his suggestions on how to strengthen the manuscript.

The following changes (in bold letters) were made to the manuscript Lines 338 - 341:

The efficacy of CAS in the treatment of cerebral aspergillosis documented here and if confirmed in other animal models, especially immunosuppressed murine models and by using additional Aspergillus isolates across a range of CAS MECs, would suggest that CAS merits further study as a treatment option for patients suffering from aspergillosis disseminated to the brain.
April 6, 2022

Dr. Stefan Zimmerli
Bern University Hospital, Inselspital
Dept. of Infectious Diseases
Freiburgstr.
Bern
Switzerland

Re: Spectrum02753-21R1 (Caspofungin cerebral penetration and therapeutic efficacy in experimental cerebral aspergillosis)

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