Author's response to reviews

Title: The in vitro antifungal activity of flavonoids against Trichophyton rubrum is due to the inhibition of fatty acid synthase and a reduction in ergosterol content

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Author's response to reviews: see over
Professor Tom Rowles

Executive Editor: BMC Complementary and Alternative Medicine

RESPONSE LETTER
MS: 1030489999800907

Dear Professor Rowles,

Enclosed please find the response to Editorial comments about our manuscript “The in vitro antifungal activity of flavonoids against Trichophyton rubrum is due to the inhibition of fatty acid synthase and a reduction in ergosterol content”, which we are resubmitting for consideration for publication in BMC Complementary and Alternative Medicine.

We hope the manuscript is now acceptable for publication and remain at your disposal for further clarification.

Sincerely yours,

Professor Ana Lucia Fachin,
Corresponding Author.

Editorial comments:

- We note that one of the fungal strains used in your study was isolated from a human patient. Could we therefore ask you to clarify whether ethical approval and patient consent was obtained for the use of this material? Please include a statement to this effect in your manuscript.

Response the author:

In the manuscript there is a description about fungal strains

Fungal strains

The T. rubrum strain H6 (ATCC MYA3108) was obtained from a patient admitted to the University Hospital of Ribeirão Preto, São Paulo, Brazil. The mutant
strain $\Delta$TruMDR2 was obtained by disruption of the TruMDR2 gene of strain MYA3108. Standard techniques for fungal manipulation and growth as described previously by Fachin et al. [15] were used.

We would like to point out that the H6 strain (ATCC MYA3108) was not isolated by our group specifically for the present work. This strain was isolated by Prof. Dr. Claudia Leite Maffei, about twenty years ago from a patient attending the University Hospital of the University of São Paulo. The strain was deposited in ATCC under number identification ATCC MYA3108 and has become a reference strain. Many articles were published which describe this strain, please see below references 1 to 6.

In order to avoid doubts about the strain description, we suggest that in the manuscript the text is modified as follows:

Fungal strains

The $T.\ rubrum$ strain H6 (ATCC MYA3108) and the mutant strain $\Delta$TruMDR2 (obtained by disruption of the TruMDR2 gene of strain MYA3108) were submitted to standard techniques for fungal manipulation and growth as described previously by Fachin et al. [15].

References for the H6 strain


