

Dermatophyte infection of Reconstructed Human Epidermis

Commonly used acronym: RHE

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SCOPE OF THE METHOD

| | |
|---|---|
| The Method relates to | Human health |
| The Method is situated in | Basic Research |
| Type of method | In vitro - Ex vivo |
| This method makes use of | Human derived cells / tissues / organs |
| Specify the type of cells/tissues/organs | Human epidermal keratinocytes and Trichophyton rubrum spores |

DESCRIPTION

Method keywords

Dermatophytes

fungal infection

tinea

Scientific area keywords

dermatology

mycology

Method description

The method is about infection of human epidermis in culture by anthropophilic dermatophytes of *Trichophyton rubrum* species.

Lab equipment

Culture hood, incubators for cell culture, refrigerated centrifuge.

Method status

Published in peer reviewed journal

PROS, CONS & FUTURE POTENTIAL

Advantages

Allows ethically acceptable infection of human tissues.

Challenges

Currently, there is no immune cell or adaptative immunity in the model.

REFERENCES, ASSOCIATED DOCUMENTS AND OTHER INFORMATION

Associated documents

[Faway 2016 Med Mycol55-485.pdf](#)
[Faway2019-JID139-2080 + suppl.pdf](#)
[FawayStaerck2021 jof-07-01029-v2.pdf](#)

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