

Dermatophyte infection of Reconstructed Human Epidermis

Commonly used acronym: RHE

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Organisation

Name of the organisation Université de Namur (UNamur)

Department NARILIS

Country Belgium

Geographical Area Walloon

SCOPE OF THE METHOD

The Method relates to	Human health
The Method is situated in	Basic Research
Type of method	In vitro - Ex vivo
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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