

Caenorhabditis elegans screening assay in microbiology

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Organisation

Name of the organisation Ghent University (UGent)

Department Laboratory of Pharmaceutical Microbiology

Country Belgium

Geographical Area Flemish Region

SCOPE OF THE METHOD

The Method relates to	Human health
The Method is situated in	Basic Research, Education and training, Translational - Applied Research
Type of method	In vivo
Used species	Caenorhabditis elegans

DESCRIPTION

Method keywords

microbiology

infection

antibiotics

virulence

biofilm

Scientific area keywords

microbiology

antibiotics

infection

screening

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biofilm

Method description

The *C. elegans* assay can be used to study the virulence of various microorganisms, and can be used to evaluate the antimicrobial effect of drugs or drug candidates. The two main outcome parameters are (i) survival of *C. elegans* and (ii) microbial load.

Lab equipment

Basic microbiology lab equipment.

Method status

Published in peer reviewed journal

REFERENCES, ASSOCIATED DOCUMENTS AND OTHER INFORMATION

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