

# Galleria mellonella screening assay in microbiology

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## Contact person

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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

<b>The Method relates to</b>	Human health
<b>The Method is situated in</b>	Basic Research, Education and training, Translational - Applied Research
<b>Type of method</b>	In vivo
<b>Used species</b>	Galleria mellonella

## DESCRIPTION

### Method keywords

microbiology

infection

virulence

antibiotics

biofilm

### Scientific area keywords

microbiology

infection

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### Method description

The *Galleria mellonella* assay makes use of larvae of the Greater Wax Moth. *G. mellonella* larvae are injected with a small amount of microorganisms, and survival can easily be followed for up to 1 week. This allows to compare virulence between different organisms. Alternatively, after injection of the microorganisms a treatment can be administered, to determine antimicrobial activity.

### Lab equipment

Basic microbiology lab equipment.

### Method status

Published in peer reviewed journal

## REFERENCES, ASSOCIATED DOCUMENTS AND OTHER INFORMATION

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