

# Enhancing tsetse fly refractoriness to trypanosome infection using a symbiont-based delivery approach

Proefschrift voorgelegd tot het behalen van de graad  
van doctor in de Biomedische Wetenschappen aan  
de Universiteit Antwerpen te verdedigen door

Linda De Vooght



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Universiteit  
Antwerpen



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### **Cover image:**

Left panel: *Sodalis glossinidius* periplasmatically expressing green fluorescent protein (GFP). Right panel: Recognition of living trypanosomes expressing AnTat1.1 by ALEXA488-labelled Nb\_An33 purified from *S. glossinidius*.

### **Dutch title:**

Verhoging van de resistentie van tseetsee vliegen tegen trypanosoom infectie via genetische manipulatie van zijn bacteriële symbionten.

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