

# EMBARGOED

Development of a novel agar-based microtitre plate system for construction of consistent biofilm models and subsequent use in antimicrobial screening.

A thesis submitted in fulfilment of the requirements for the Degree of

Master of Science

by

**Michaela Roxanne Davies**

ORCID ID

0000-0002-0788-1061

Biotechnology Innovation Centre

Rhodes University

February 2024