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Isolation, characterization and antibacterial effect of biosurfactant

from *Candida parapsilosis*

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Highlight:

This is the first study which reports the ability of *C. parapsilosis* to produce biosurfactant. The organism was identified through morphology and sequencing studies. The biosurfactant was characterized and its potential antibacterial activity was explored.

Abstract

In the present study, a biosurfactant producing *Candida parapsilosis* strain was isolated and identified by our laboratory. Different biosurfactant screening tests such as drop collapse, oil spreading, emulsification index and hemolytic activity confirmed the production of biosurfactant by the isolated *Candida parapsilosis* strain. The biosurfactant showed significant emulsifying

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