

2008-12-18

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Elsevier

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<https://doi.org/10.1016/j.jconrel.2008.09.032>

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# Potential of treating tuberculosis with a polymeric nano-drug delivery system

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## Abstract

An effective therapeutic regimen is available for the treatment of tuberculosis (TB), however in developing countries; patient non-compliance due to high dose frequency and the lengthy duration of treatment, presents a major challenge, thus resulting in treatment failure. To address this challenge, the project seeks to develop a nano-drug delivery system whereby anti-TB drugs can be administered in a single dose that maintains an active level of the drug for at least one week.