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Title: Deficiency of quorum sensing system inhibits the resistance selection of *Pseudomonas aeruginosa* to ciprofloxacin and levofloxacin in vitro

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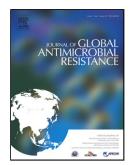
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Deficiency of quorum sensing system inhibits the resistance selection

of Pseudomonas aeruginosa to ciprofloxacin and levofloxacin in vitro

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Highlights

Deficiency of quorum sensing system inhibits the resistance selection of Pseudomonas aeruginosa

to ciprofloxacin and levofloxacin in vitro

Compared to ciprofloxacin, minimal inhibitory concentrations to levofloxacin showed the half

and delayed increase in the vitro selection.

The repeated measures analysis of variance was used to study effects of the continuous incubation

on the resistance to CIP and LEV.

The Special and useful vitro selecting method had been established.

Abstract

Objectives: The objective was to investigate how deficient of quorum sensing system (QS)

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