

## Colistin-glycopeptide combinations against multidrug-resistant in a mouse model of pneumonia

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Auteur	Sanderink, Diane [1], Cassisa, Viviane [2], Chenouard, Rachel [3], Mahieu, Rafa�l [4], Kempf, Marie [5], Dub�e, Vincent [6], Eveillard, Matthieu [7]
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R�sum� en anglais	<p>To assess the effect of colistin-glycopeptide combination against a multidrug-resistant strain of . We used procedures (Etest method, checkerboard test and kill-time assays) and a mouse model of a carbapenem-resistant pneumonia. The colistin-teicoplanin combination allowed a 74% increase of the survival in the mouse model within the 4 days following bacterial inoculation as compared with saline or colistin alone (<math>p = 0.06</math>). Concurrently, the colistin-vancomycin combination presented a similar efficacy as compared with saline or colistin alone in the mouse model. According to those preliminary results, using the colistin-teicoplanin combination in therapeutic deadlocks encountered in certain multiresistant pneumonia could be envisaged if the results are confirmed.</p>
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- [2] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=17323>
- [3] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=35902>
- [4] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=32161>
- [5] <http://okina.univ-angers.fr/marie.kempf/publications>
- [6] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=30087>
- [7] <http://okina.univ-angers.fr/matthieu.eveillard/publications>
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