

Accepted Manuscript

In vitro activity of colistin against biofilm by *Pseudomonas aeruginosa* is significantly improved under “cystic fibrosis-like” physicochemical conditions

Arianna Pompilio, Valentina Crocetta, Stefano Pomponio, Ersilia Fiscarelli, Giovanni Di Bonaventura

PII: S0732-8893(15)00022-X
DOI: doi: [10.1016/j.diagmicrobio.2015.01.006](https://doi.org/10.1016/j.diagmicrobio.2015.01.006)
Reference: DMB 13752

To appear in: *Diagnostic Microbiology and Infectious Disease*

Received date: 26 May 2014
Revised date: 29 October 2014
Accepted date: 14 January 2015



Please cite this article as: Pompilio Arianna, Crocetta Valentina, Pomponio Stefano, Fiscarelli Ersilia, Di Bonaventura Giovanni, *In vitro* activity of colistin against biofilm by *Pseudomonas aeruginosa* is significantly improved under “cystic fibrosis-like” physicochemical conditions, *Diagnostic Microbiology and Infectious Disease* (2015), doi: [10.1016/j.diagmicrobio.2015.01.006](https://doi.org/10.1016/j.diagmicrobio.2015.01.006)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

***In vitro* activity of colistin against biofilm by *Pseudomonas aeruginosa* is significantly improved under “cystic fibrosis-like” physicochemical conditions.**

Running Title: Improved activity of colistin against *P. aeruginosa* biofilm.

Word counts of the abstract: 160

Word counts of the text: 3.872 (reference annotations in the text not included)

Arianna Pompilio ^{a,b}, Valentina Crocetta ^{a,b}, Stefano Pomponio ^{a,b}, Ersilia Fiscarelli ^c, Giovanni Di Bonaventura ^{a,b,*}.

^a Department of Experimental and Clinical Sciences, “G. d’Annunzio” University of Chieti-Pescara, Via dei Vestini 31, 66100 Chieti, Italy.

^b Center of Excellence on Ageing, “G. d’Annunzio” University Foundation, Via L. Polacchi 11, 66100 Chieti, Italy.

^c “Bambino Gesù” Children’s Hospital, IRCCS, Piazza Sant’Onofrio 4, 00165 Rome, Italy.

* Corresponding Author: Laboratory of Clinical Microbiology, School of Medicine, Via Vestini, 31 – 66100 Chieti, Italy. Phone: +39 0871 3554812. Fax: +39 0871 3554822. E-mail: gdibonaventura@unich.it.

Download English Version:

<https://daneshyari.com/en/article/6115566>

Download Persian Version:

<https://daneshyari.com/article/6115566>

[Daneshyari.com](https://daneshyari.com)