

# Accepted Manuscript

Quorum sensing signals and related virulence inhibition of *Pseudomonas aeruginosa* by a potential probiotic strain's organic acid

Merve Eylul Kiymaci, Nurten Altanlar, Mehmet Gumustas, Sibel A. Ozkan, Ahmet Akin



PII: S0882-4010(17)31750-3

DOI: [10.1016/j.micpath.2018.05.042](https://doi.org/10.1016/j.micpath.2018.05.042)

Reference: YMPAT 2981

To appear in: *Microbial Pathogenesis*

Received Date: 26 December 2017

Revised Date: 24 May 2018

Accepted Date: 24 May 2018

Please cite this article as: Kiymaci ME, Altanlar N, Gumustas M, Ozkan SA, Akin A, Quorum sensing signals and related virulence inhibition of *Pseudomonas aeruginosa* by a potential probiotic strain's organic acid, *Microbial Pathogenesis* (2018), doi: 10.1016/j.micpath.2018.05.042.

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.

1 **Research Paper**

2  
3 **Title: Quorum sensing signals and related virulence inhibition of *Pseudomonas***  
4 ***aeruginosa* by a potential probiotic strain's organic acid**

5  
6 **Running head: *Pediococcus acidilactici* as quorum sensing inhibitor**

7  
8  
9 Merve Eylul Kiyimaci<sup>a\*</sup>, Nurten Altanlar<sup>a</sup>, Mehmet Gumustas<sup>b,c</sup>, Sibel A. Ozkan<sup>b</sup>, Ahmet  
10 Akin<sup>a</sup>

11  
12  
13 <sup>a</sup>Ankara University, Faculty of Pharmacy, Department of Pharmaceutical Microbiology,  
14 06100, Ankara, Turkey

15 <sup>b</sup>Ankara University, Institute of Forensic Sciences, Department of Forensic Toxicology,  
16 06590, Ankara, Turkey

17 <sup>c</sup>Ankara University, Faculty of Pharmacy, Department of Analytical Chemistry, 06100,  
18 Ankara, Turkey

19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45 \*Corresponding author: Merve Eylul Kiyimaci

46 E-mail: mbozkurt@ankara.edu.tr

47 Adress: Ankara University, Faculty of Pharmacy, Department of Pharmaceutical  
48 Microbiology, 06100, Ankara, Turkey

49  
50

Download English Version:

<https://daneshyari.com/en/article/8749362>

Download Persian Version:

<https://daneshyari.com/article/8749362>

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