Accepted Manuscript

Use of carvacrol, thymol, and eugenol for biofilm eradication and resistance modifying susceptibility of *Salmonella enterica* serovar Typhimurium strains to nalidixic acid

Hanene Miladi, Tarek Zmantar, Bochra Kouidhi, Yassine Chaabouni, Kacem Mahdouani, Amina Bakhrouf, Kamel Chaieb

PII: S0882-4010(16)30837-3

DOI: 10.1016/j.micpath.2017.01.012

Reference: YMPAT 2058

To appear in: Microbial Pathogenesis

Received Date: 29 November 2016

Revised Date: 2 January 2017 Accepted Date: 3 January 2017

Please cite this article as: Miladi H, Zmantar T, Kouidhi B, Chaabouni Y, Mahdouani K, Bakhrouf A, Chaieb K, Use of carvacrol, thymol, and eugenol for biofilm eradication and resistance modifying susceptibility of *Salmonella enterica* serovar Typhimurium strains to nalidixic acid, *Microbial Pathogenesis* (2017), doi: 10.1016/j.micpath.2017.01.012.

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.



ACCEPTED MANUSCRIPT

- 1 Use of carvacrol, thymol, and eugenol for biofilm eradication and resistance
- 2 modifying susceptibility of Salmonella enterica serovar Typhimurium
- 3 strains to Nalidixic acid
- 4 Hanene Miladi^a, Tarek Zmantar^a, Bochra Kouidhi^{b,*}, Yassine Chaabouni^c, Kacem
- 5 Mahdouani^{a,c}, Amina Bakhrouf^a and Kamel Chaieb^d

6

- ^aLaboratory of Analysis, Treatment and valorization of Pollutants of the Environment and
- 8 Products, Faculty of Pharmacy, Rue Avicenne, Monastir University, Tunisia.
- 9 ^bCollege of Applied Medical Sciences, Medical Laboratory Department, Yanbu el Bahr,
- 10 TAIBAH UNIVERSITY, Al Madinah Al Monawarah, Kingdom Saudi Arabia.
- ^cLaboratory of Bacteriology and Molecular Biology, Hôspital of Ibn El JAZZAR, Kairouan,
- 12 Tunisia.
- dCollege of Sciences, Biology Department, Yanbu el Bahr, TAIBAH UNIVERSITY, Al
- 14 Madinah Al Monawarah, Kingdom Saudi Arabia.

15

16

- *Corresponding author: Bochra Kouidhi, College of Applied Medical Sciences, Medical
- 18 Laboratory Department, Yanbu el Bahr, TAIBAH UNIVERSITY, Al Madinah
- 19 Al Monawarah, Kingdom Saudi Arabia, Email:bochrak@yahoo.fr

20

21

22

23

Download English Version:

https://daneshyari.com/en/article/5673985

Download Persian Version:

https://daneshyari.com/article/5673985

<u>Daneshyari.com</u>