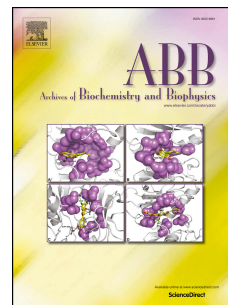


Accepted Manuscript

Inactivation of *Escherichia coli* and *Staphylococcus aureus* on contaminated perilla leaves by Dielectric Barrier Discharge (DBD) plasma treatment

Sang Hye Ji, Se Hoon Ki, Ji Ho Ahn, Jae Ho Shin, Eun Jeong Hong, Yun Ji Kim, Eun Ha Choi



PII: S0003-9861(17)30711-7

DOI: [10.1016/j.abb.2018.02.010](https://doi.org/10.1016/j.abb.2018.02.010)

Reference: YABBI 7651

To appear in: *Archives of Biochemistry and Biophysics*

Received Date: 19 October 2017

Revised Date: 14 February 2018

Accepted Date: 14 February 2018

Please cite this article as: S.H. Ji, S.H. Ki, J.H. Ahn, J.H. Shin, E.J. Hong, Y.J. Kim, E.H. Choi, Inactivation of *Escherichia coli* and *Staphylococcus aureus* on contaminated perilla leaves by Dielectric Barrier Discharge (DBD) plasma treatment, *Archives of Biochemistry and Biophysics* (2018), doi: 10.1016/j.abb.2018.02.010.

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 **Inactivation of *Escherichia coli* and *Staphylococcus aureus* on contaminated perilla leaves by**
2 **Dielectric Barrier Discharge (DBD) plasma treatment**

3

4 Sang Hye Ji^{1†¶}, Se Hoon Ki^{1†}, Ji Ho Ahn¹, Jae Ho Shin², Eun Jeong Hong³, Yun Ji Kim⁴, Eun Ha
5 Choi^{1*}

6

7 ¹Plasma Bioscience Research Center, Kwangwoon University, Seoul, 139-701, Republic of Korea

8 ²Department of Chemistry, Kwangwoon University, Seoul, 139-701, Republic of Korea

9 ³Plasma Technology Research Center, National Fusion Research Institute, Gunsan-si, Jeollabuk-do,
10 54004, Republic of Korea

11 ⁴Korea Food Research Institute, 1201-62, Anyangpangyo-ro, Seongnam-si, Kyunggi-do, Republic
12 of Korea

13

14 [†]equally contributed

15 [¶]Current address: Plasma Technology Research Center, National Fusion Research Institute, Gunsan-
16 si, Jeollabuk-do, 54004, Republic of Korea

17

18 * Corresponding author

19 Eun-Ha Choi

20 Phone: +82 2 940 5236

21 E-mail: ehchoi@kw.ac.kr

Download English Version:

<https://daneshyari.com/en/article/8288702>

Download Persian Version:

<https://daneshyari.com/article/8288702>

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