

Accepted Manuscript

Title: Enhancing the Antimicrobial Effect of Genistein by Biotransformation in Microbial System

Authors: HaeRi Choi, Jin-Soo Park, Kyu-Min Kim, MinSun Kim, Kwang-Wook Ko, Chang-Gu Hyun, Joong Woo Ahn, Joo-Hyun Seo, Seung-Young Kim



PII: S1226-086X(18)30093-5
DOI: <https://doi.org/10.1016/j.jiec.2018.02.023>
Reference: JIEC 3883

To appear in:

Received date: 5-12-2017
Revised date: 26-1-2018
Accepted date: 10-2-2018

Please cite this article as: HaeRi Choi, Jin-Soo Park, Kyu-Min Kim, MinSun Kim, Kwang-Wook Ko, Chang-Gu Hyun, Joong Woo Ahn, Joo-Hyun Seo, Seung-Young Kim, Enhancing the Antimicrobial Effect of Genistein by Biotransformation in Microbial System, Journal of Industrial and Engineering Chemistry <https://doi.org/10.1016/j.jiec.2018.02.023>

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.

Enhancing the Antimicrobial Effect of Genistein by Biotransformation in Microbial System

Running Title: Microbial biotransformation of genistein

HaeRi Choi^{1,†}, Jin-Soo Park^{2,†}, Kyu-Min Kim¹, MinSun Kim¹, Kwang-Wook Ko³, Chang-Gu Hyun⁴, Joong Woo Ahn⁵, Joo-Hyun Seo^{1,*} and Seung-Young Kim^{1,*}

¹*Institute of Biomolecule Reconstruction, Department of BT-Convergent Pharmaceutical Engineering, Sunmoon University, 70 Sunmoon-ro 221, Tangeong-myeon, Asan-si, Chungnam 31460, Republic of Korea,* ²*Natural Constituents Research Center, Korea Institute of Science and Technology, Gangneung, Gangwon-do 25451, Republic of Korea,* ³*DaeHo Corporation, 49-4, Oncheon-ro, Paltan-myun, Hwaseong-si, Gyeonggi-do 18577, Republic of Korea,* ⁴*Cosmetic Science Center, Department of Chemistry and Cosmetics, Jeju National University, Jeju 63243, Republic of Korea.* ⁵*Department of Interdisciplinary ECO Science, Sungshin University, Seoul 01133, Republic of Korea*

*Corresponding author: Prof. Seung-Young Kim (Tel: +82-41-530-2390, Fax: +82-41-544-2939, Email: sykim01@sunmoon.ac.kr) and Prof. Joo-Hyun Seo (Tel: +82-41-530-8381, Email: jhseo@sunmoon.ac.kr)

[†]These two authors contributed equally.

Download English Version:

<https://daneshyari.com/en/article/6666457>

Download Persian Version:

<https://daneshyari.com/article/6666457>

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