

Accepted Manuscript

Inhibition effects of low concentrations of Epigallocatechin Gallate on the biofilm formation and hemolytic activity of *Listeria monocytogenes*

Wenfang Du, Min Zhou, Zhiguo Liu, Ying Chen, Rui Li

PII: S0956-7135(17)30445-0
DOI: 10.1016/j.foodcont.2017.09.011
Reference: JFCO 5782
To appear in: *Food Control*
Received Date: 24 June 2017
Revised Date: 08 September 2017
Accepted Date: 09 September 2017

Please cite this article as: Wenfang Du, Min Zhou, Zhiguo Liu, Ying Chen, Rui Li, Inhibition effects of low concentrations of Epigallocatechin Gallate on the biofilm formation and hemolytic activity of *Listeria monocytogenes*, *Food Control* (2017), doi: 10.1016/j.foodcont.2017.09.011

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.



Highlights

- Biofilms of *L. monocytogenes* ATCC 19114 were developed at 15°C, 30°C and 37°C.
- Sub-MIC of EGCG prevented biofilm formation.
- Sub-MIC of EGCG reduced hemolytic activity.
- EGCG down-regulated genes involved in virulence, SOS response and quorum sensing.

Download English Version:

<https://daneshyari.com/en/article/8888196>

Download Persian Version:

<https://daneshyari.com/article/8888196>

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