

Accepted Manuscript

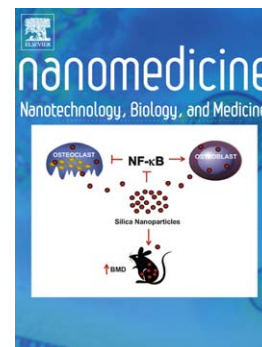
Magnetically-induced elimination of *Staphylococcus aureus* by magnetotactic bacteria under a swing magnetic field

Changyou Chen MD, Linjie Chen BS, Pingping Wang PhD, Long-Fei Wu PhD, Tao Song PhD

PII: S1549-9634(16)30133-2  
DOI: doi: [10.1016/j.nano.2016.08.021](https://doi.org/10.1016/j.nano.2016.08.021)  
Reference: NANO 1413

To appear in: *Nanomedicine: Nanotechnology, Biology, and Medicine*

Received date: 25 March 2016  
Revised date: 16 July 2016  
Accepted date: 11 August 2016



Please cite this article as: Chen Changyou, Chen Linjie, Wang Pingping, Wu Long-Fei, Song Tao, Magnetically-induced elimination of *Staphylococcus aureus* by magnetotactic bacteria under a swing magnetic field, *Nanomedicine: Nanotechnology, Biology, and Medicine* (2016), doi: [10.1016/j.nano.2016.08.021](https://doi.org/10.1016/j.nano.2016.08.021)

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.

**Title:** Magnetically-induced elimination of *Staphylococcus aureus* by magnetotactic bacteria under a swing magnetic field

**Authors:**

Changyou Chen MD <sup>a,b,c,1</sup>, Linjie Chen BS <sup>a,b,c,1</sup>, Pingping Wang PhD <sup>a,c,\*</sup>, Long-Fei Wu PhD <sup>c,d</sup>, and Tao Song PhD <sup>a,b,c,\*</sup>

**Affiliations:**

<sup>a</sup> Beijing Key Laboratory of Bioelectromagnetism, Institute of Electrical Engineering, Chinese Academy of Sciences, No. 6 Bei'er Tiao Zhongguancun HaiDian, Beijing, 100190, China

<sup>b</sup> University of Chinese Academy of Sciences, No.19A Yuquanlu, Beijing, 100049, China

<sup>c</sup> France-China Bio-Mineralization and Nano-Structures Laboratory, No. 6 Bei'er Tiao Zhongguancun HaiDian, Beijing, 100190, China

<sup>d</sup> Laboratoire de Chimie Bactérienne, UMR7283, Aix-Marseille University, Institut de Microbiologie de la Méditerranée, CNRS, Marseille, France.

<sup>1</sup> These authors contributed equally to this work.

**Email for authors :** chchy@mail.iee.ac.cn, chenlinjie09@mail.iee.ac.cn, wangpp@mail.iee.ac.cn, wu@imm.cnrs.fr, songtao@mail.iee.ac.cn.

**\*Author for correspondence:** Tao Song and Pingping Wang

**Address:** No. 6 Bei'er Tiao Zhongguancun HaiDian, Beijing, 100190, China

**Tel:** 86-10-82547168/7164      **Fex:** 86-10-82547164

Download English Version:

<https://daneshyari.com/en/article/5032927>

Download Persian Version:

<https://daneshyari.com/article/5032927>

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