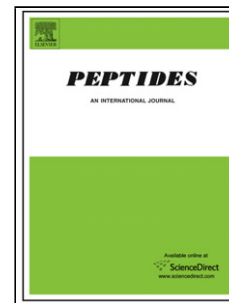


Accepted Manuscript

Title: *Actinobacteria*-Derived Peptide Antibiotics since 2000

Authors: Pengchao Zhao, Yun Xue, Weina Gao, Jinghua Li, Xiangyang Zu, Dongliao Fu, Shuxiao Feng, Xuefei Bai, Yanjun Zuo, Ping Li



PII: S0196-9781(18)30060-3
DOI: <https://doi.org/10.1016/j.peptides.2018.03.011>
Reference: PEP 69941

To appear in: *Peptides*

Received date: 17-1-2018
Revised date: 16-3-2018
Accepted date: 18-3-2018

Please cite this article as: Zhao Pengchao, Xue Yun, Gao Weina, Li Jinghua, Zu Xiangyang, Fu Dongliao, Feng Shuxiao, Bai Xuefei, Zuo Yanjun, Li Ping. *Actinobacteria*-Derived Peptide Antibiotics since 2000. *Peptides* <https://doi.org/10.1016/j.peptides.2018.03.011>

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.

***Actinobacteria*-Derived Peptide Antibiotics since 2000**

Pengchao Zhao^a Yun Xue^{a*} Weina Gao^a Jinghua Li^a Xiangyang Zu^a
 Dongliao Fu^a Shuxiao Feng^b Xuefei Bai^a Yanjun Zuo^a Ping Li^a

■ AUTHOR INFORMATION

^a College of Medical Technology and Engineering, Henan University of Science and Technology, Luoyang, China 471023

^b College of Chemical Engineering and Pharmacy, Henan University of Science and Technology, Luoyang, China 471023

Corresponding Author

*E-mail: xueyun6688@163.com

Notes

The authors declare no competing financial interest.

Research Highlights

- Members of the *Actinobacteria* are an important source of peptide products.
- Peptides exhibit potent activity against various human pathogens.
- Eight distinctive categories of *Actinobacteria*-derived peptides are reported.
- Peptides represent attractive alternatives to current antibiotics.
- Structures, antibiotic activity, and potential applications are discussed.

Download English Version:

<https://daneshyari.com/en/article/8347341>

Download Persian Version:

<https://daneshyari.com/article/8347341>

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