

## 昆虫抗菌肽及其基因工程研究进展

宫霞, 乐国伟, 施用晖

江南大学食品学院动物营养研究室, 无锡 214036

收稿日期 修回日期 网络版发布日期 接受日期

**摘要** 昆虫抗菌肽是昆虫免疫后存在于血淋巴中的一类活性肽, 具有广谱的抗菌、抗病毒、抑制肿瘤的生物活性, 具有很高的应用潜力。本文主要介绍昆虫抗菌肽的类型、生理活性、基因的克隆与表达及转基因工程研究进展。

Insect Antibacterial Peptides and Its Progress in Advance on Genetic Engineering

GONG Xia, YUE Guo-wei, SHI Yong-hui

Laboratory for Animal Nutrition Research, College of Food Science, Southern Yangtze University, Wuxi 214036, China

**Abstract:** Insect antibacterial peptides produced are kinds of bioactive peptides in hemeolymph hen insect has been immunized. These peptides have the wide range of antibacterial, antiviral spectrum and inhibiting growth of tumor cell. The types of antibacterial peptides and its physiological activities, cloning and expression of the genes and transgenetic research are summarized. Its application on medicine and gene engineering are prospected.

**Key words:** insect antibacterial peptides; physiological activity; gene

**关键词** [昆虫抗菌肽](#) [生理活性](#) [基因](#)

分类号

### 扩展功能

#### 本文信息

- ▶ [Supporting info](#)
- ▶ [PDF\(0KB\)](#)
- ▶ [\[HTML全文\]\(0KB\)](#)
- ▶ [参考文献](#)

#### 服务与反馈

- ▶ [把本文推荐给朋友](#)
- ▶ [加入我的书架](#)
- ▶ [加入引用管理器](#)
- ▶ [复制索引](#)
- ▶ [Email Alert](#)
- ▶ [文章反馈](#)
- ▶ [浏览反馈信息](#)

#### 相关信息

- ▶ [本刊中 包含“昆虫抗菌肽”的相关文章](#)
- ▶ [本文作者相关文章](#)

- [宫霞](#)
- [乐国伟](#)
- [施用晖](#)

#### Abstract

#### Key words

DOI:

通讯作者