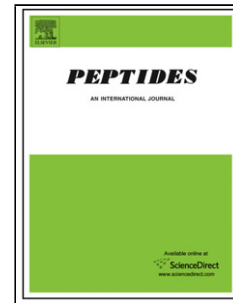


Accepted Manuscript

Title: An overview of antifungal peptides derived from insect

Author: Mohammad Omer Faruck Faridah yusof Silvia chowdhury



PII: S0196-9781(15)00184-9
DOI: <http://dx.doi.org/doi:10.1016/j.peptides.2015.06.001>
Reference: PEP 69491

To appear in: *Peptides*

Received date: 23-8-2014
Revised date: 2-6-2015
Accepted date: 5-6-2015

Please cite this article as: Faruck MO, yusof F, chowdhury S, An overview of antifungal peptides derived from insect, *Peptides* (2015), <http://dx.doi.org/10.1016/j.peptides.2015.06.001>

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:

1. Antifungal peptides are widely present in nature and represent an age-old mechanism of host defense against pathogens such as fungi.
2. Most chemical treatments are toxic for humans.
3. The antibiotic resistance problems have shown a significant promise in the development of a new generation of antibiotic.
4. Insects release such peptides and peptides are effective against fungal infections, as it suppresses fungal reproduction or growth.
5. The strategy to develop cost-effective antibiotics is to utilize antimicrobial peptide mimetic agents
6. Antifungal peptides are produced in all life stages of insect life cycle and the activity was found the highest in the final instar larvae.

Download English Version:

<https://daneshyari.com/en/article/8347723>

Download Persian Version:

<https://daneshyari.com/article/8347723>

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