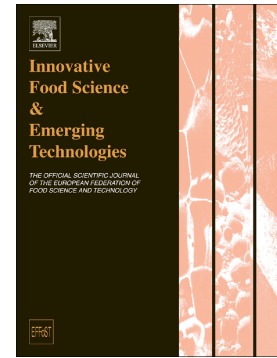


## Accepted Manuscript

Nisin and other antimicrobial peptides: Production, mechanisms of action, and application in active food packaging

Johnson C.P. Santos, Rita C.S. Sousa, Caio G. Otoni, Allan R.F. Moraes, Victor G.L. Souza, Eber A.A. Medeiros, Paula J.P. Espitia, Ana C.S. Pires, Jane S.R. Coimbra, Nilda F.F. Soares



PII: S1466-8564(17)31340-1  
DOI: [doi:10.1016/j.ifset.2018.06.008](https://doi.org/10.1016/j.ifset.2018.06.008)  
Reference: INNFOO 2015

To appear in: *Innovative Food Science and Emerging Technologies*

Received date: 26 November 2017  
Revised date: 13 April 2018  
Accepted date: 7 June 2018

Please cite this article as: Johnson C.P. Santos, Rita C.S. Sousa, Caio G. Otoni, Allan R.F. Moraes, Victor G.L. Souza, Eber A.A. Medeiros, Paula J.P. Espitia, Ana C.S. Pires, Jane S.R. Coimbra, Nilda F.F. Soares, Nisin and other antimicrobial peptides: Production, mechanisms of action, and application in active food packaging. *Innfoo* (2017), doi:[10.1016/j.ifset.2018.06.008](https://doi.org/10.1016/j.ifset.2018.06.008)

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.

## **Nisin and Other Antimicrobial Peptides: Production, Mechanisms of Action, and Application in Active Food Packaging**

### **Author names:**

Johnson C. P. Santos<sup>a\*</sup>, Rita C. S. Sousa<sup>b</sup>, Caio G. Otoni<sup>a1</sup>, Allan R. F. Moraes<sup>a</sup>, Victor G. L. Souza<sup>c\*</sup>, Eber A. A. Medeiros<sup>a</sup>, Paula J. P. Espitia<sup>d</sup>, Ana C. S. Pires<sup>a</sup>, Jane S. R. Coimbra<sup>a</sup>, Nilda F. F. Soares<sup>a</sup>

### **Author affiliations:**

<sup>a</sup> Department of Food Technology, Federal University of Viçosa – Av. P. H. Rolfs, s/n, Viçosa, MG, 36570-900, Brazil (Santos: engenheiroa@yahoo.com.br; Otoni: cgotoni@gmail.com; Moraes: allan.moraes@ufv.br; Medeiros: ebermedeiros@yahoo.com.br; Pires: ana.pires@ufv.br; Coimbra: jcoimbra@ufv.br; Soares: nfsoares@ufv.br);

<sup>b</sup> Department of Chemistry and Chemical Engineering, Federal University of Viçosa – Av. P. H. Rolfs, s/n, Viçosa, MG, 36570-900, Brazil (Sousa: rita.sousa@ufv.br);

<sup>c</sup> Department of Science and Technology of Biomass, New University of Lisbon – Campus Caparica, Caparica, 2829-516, Portugal (Souza: v.souza@campus.fct.unl.pt).

---

### <sup>1</sup> **Present address:**

National Nanotechnology Laboratory for Agribusiness, Embrapa Instrumentation – Rua XV de Novembro, 1452, São Carlos, SP 13560-979, Brazil.

Download English Version:

<https://daneshyari.com/en/article/8415449>

Download Persian Version:

<https://daneshyari.com/article/8415449>

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