### **Accepted Manuscript**

Structural studies with BnSP-7 reveal an atypical oligomeric conformation compared to phospholipases  $A_2$ -like toxins

Lino Fernando G. de Lima, Rafael J. Borges, Maria Alejandra Viviescas, Carlos A.H. Fernandes, Marcos R.M. Fontes

PII: \$0300-9084(17)30180-3

DOI: 10.1016/j.biochi.2017.07.009

Reference: BIOCHI 5240

To appear in: Biochimie

Received Date: 18 April 2017

Revised Date: 0300-9084 0300-9084

Accepted Date: 21 July 2017

Please cite this article as: L.F.G. de Lima, R.J. Borges, M.A. Viviescas, C.A.H. Fernandes, M.R.M. Fontes, Structural studies with BnSP-7 reveal an atypical oligomeric conformation compared to phospholipases A<sub>2</sub>-like toxins, *Biochimie* (2017), doi: 10.1016/j.biochi.2017.07.009.

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.



#### ACCEPTED MANUSCRIPT

# Structural studies with BnSP-7 reveal an atypical oligomeric conformation compared to phospholipases $A_2$ -like toxins

Lino Fernando G. de Lima<sup>1</sup>; Rafael J. Borges<sup>1</sup>; Maria Alejandra Viviescas<sup>1,2</sup>, Carlos A. H. Fernandes<sup>1,\*</sup>; Marcos R. M. Fontes<sup>1,\*</sup>.

<sup>1</sup>Departamento de Física e Biofísica and <sup>2</sup>Departamento de Genética, Instituto de Biociências, Universidade Estadual Paulista (UNESP), Botucatu-SP, Brasil.

\*Corresponding authors: fontes@ibb.unesp.br or fernandes@ibb.unesp.br

Keywords: myotoxic mechanism; snake venom; phospholipases A<sub>2</sub>-like toxins; oligomeric conformation; cinnamic derivatives; X-ray crystallography

### Download English Version:

## https://daneshyari.com/en/article/5508880

Download Persian Version:

https://daneshyari.com/article/5508880

<u>Daneshyari.com</u>