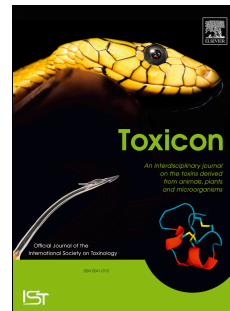


Accepted Manuscript

Snake venoms from Angola: Intra-specific variations and immunogenicity

Paula Regina Simões de Oliveira, Felipe Silva de França, Isadora Maria Villas Boas, Marisa Maria Teixeira da Rocha, Sávio Stefanini Sant'Anna, Maria de Lourdes Bastos, Denise V. Tambourgi



PII: S0041-0101(18)30154-5

DOI: [10.1016/j.toxicon.2018.04.013](https://doi.org/10.1016/j.toxicon.2018.04.013)

Reference: TOXCON 5862

To appear in: *Toxicon*

Received Date: 24 February 2018

Revised Date: 6 April 2018

Accepted Date: 14 April 2018

Please cite this article as: Oliveira, Paula.Regina.Simõ.de., França, F.S.d., Villas Boas, I.M., Rocha, M.M.T.d., Sant'Anna, Sá.Stefanini., Lourdes Bastos, M.d., Tambourgi, D.V., Snake venoms from Angola: Intra-specific variations and immunogenicity, *Toxicon* (2018), doi: 10.1016/j.toxicon.2018.04.013.

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.

1 **Snake venoms from Angola: intra-specific variations and immunogenicity**

2

3 Paula Regina Simões de Oliveira¹, Felipe Silva de França², Isadora Maria Villas Boas²,
4 Marisa Maria Teixeira da Rocha³, Sávio Stefanini Sant'Anna³, Maria de Lourdes
5 Bastos⁴, Denise V Tambourgi^{2*}

6

7 ¹Faculty of Medicine, Lueji A'Nkonde University, Malanje, Angola

8 ²Immunochemistry Laboratory, Butantan Institute, São Paulo, Brazil

9 ³Herpetology Laboratory, Butantan Institute, São Paulo, Brazil

10 ⁴UCIBIO REQUIMTE, Toxicology Laboratory, Faculty of Pharmacy, University of
11 Porto, Porto, Portugal

12

13

14 *Corresponding author

15 E-mail: denise.tambourgi@butantan.gov.br (DVT)

16

17 **Keywords**

18 *Naja nigricollis*; *Bitis arietans*; *Bitis gabonica*; Angolan snake venoms; intra-specific
19 variations; gender; geographic distribution; immunogenicity

20

Download English Version:

<https://daneshyari.com/en/article/8394077>

Download Persian Version:

<https://daneshyari.com/article/8394077>

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