

Accepted Manuscript

Title: *Acanthamoeba* spp as a universal host for pathogenic microorganisms: one bridge from environment to host virulence

Author: Allan J. Guimaraes Kamilla Xavier Gomes Juliana Reis Cortines José Mauro Peralta Regina H.Saramago Peralta



PII: S0944-5013(16)30518-3

DOI: <http://dx.doi.org/doi:10.1016/j.micres.2016.08.001>

Reference: MICRES 25931

To appear in:

Received date: 2-3-2016

Revised date: 2-6-2016

Accepted date: 1-8-2016

Please cite this article as: Guimaraes Allan J, Gomes Kamilla Xavier, Cortines Juliana Reis, Peralta José Mauro, Peralta Regina H.Saramago. *Acanthamoeba* spp as a universal host for pathogenic microorganisms: one bridge from environment to host virulence. *Microbiological Research* <http://dx.doi.org/10.1016/j.micres.2016.08.001>

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.

***Acanthamoeba* spp as a universal host for pathogenic microorganisms: one bridge from environment to host virulence**

Allan J. Guimaraes^{A,†,*}, Kamilla Xavier Gomes^{A,†}, Juliana Reis Cortines^B, José Mauro Peralta^C, Regina H. Saramago Peralta^D

^ADepartamento de Microbiologia e Parasitologia, Instituto Biomédico, Universidade Federal Fluminense, ^BDepartamento de Virologia, Instituto de Microbiologia Paulo de Góes, Universidade Federal do Rio de Janeiro, ^CDepartamento de Imunologia, Instituto de Microbiologia Paulo de Góes, Universidade Federal do Rio de Janeiro, ^DDepartamento de Patologia, Faculdade de Medicina, Universidade Federal Fluminense

- 1. Abstract**
- 2. Introduction**
- 3. Free-living amoebae (FLA) as environmental hosts.**
- 4. Amoeba-resistant microorganisms.**
- 5. Conclusion**
- 6. Acknowledgements**
- 7. Figures**
- 8. Tables**
- 9. References**

Running Title: The environmental host *Acanthamoeba* spp

†Authors contributed equally to this work.

*To whom correspondence should be addressed: Allan Guimaraes, Instituto Biomédico, Dept. de Microbiologia e Parasitologia – MIP, Universidade Federal Fluminense, Rua Prof. Hernani Pires de Melo 101, São Domingos, Niterói, Brazil, ZipCode 24210-130, Phone: +55 21 2629-2410. e-mail: allanguimaraes@id.uff.br; José Mauro Peralta, Instituto de Microbiologia Prof. Paulo de Góes CCS - Centro de Ciências da Saúde - Bloco I- 2 andar, sala 046, Avenida Carlos Chagas Filho, 373, Cidade Universitária, RJ, Brazil CEP. 21941-902.

Download English Version:

<https://daneshyari.com/en/article/8423364>

Download Persian Version:

<https://daneshyari.com/article/8423364>

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