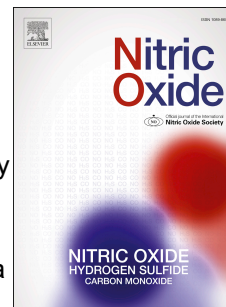


# Accepted Manuscript

The role of nitrite in muscle function, susceptibility to contraction injury, and fatigability in sickle cell mice

Li Wang, Luis E.F. Almeida, Sayuri Kamimura, Jack H. van der Meulen, Kanneboyina Nagaraju, Martha Quezado, Paul Wakim, Zenaide M.N. Quezado



PII: S1089-8603(18)30131-9

DOI: [10.1016/j.niox.2018.08.005](https://doi.org/10.1016/j.niox.2018.08.005)

Reference: YNIOX 1815

To appear in: *Nitric Oxide*

Received Date: 6 May 2018

Revised Date: 5 July 2018

Accepted Date: 7 August 2018

Please cite this article as: L. Wang, L.E.F. Almeida, S. Kamimura, J.H. van der Meulen, K. Nagaraju, M. Quezado, P. Wakim, Z.M.N. Quezado, The role of nitrite in muscle function, susceptibility to contraction injury, and fatigability in sickle cell mice, *Nitric Oxide* (2018), doi: 10.1016/j.niox.2018.08.005.

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.

**The role of nitrite in muscle function, susceptibility to contraction injury, and fatigability  
in sickle cell mice**

Li Wang<sup>a</sup>, Luis E.F. Almeida<sup>b</sup>, Sayuri Kamimura<sup>b</sup>, Jack H. van der Meulen<sup>c</sup>, Kanneboyina  
Nagaraju<sup>c</sup>, Martha Quezado<sup>d</sup>, Paul Wakim<sup>e</sup>, and Zenaide M.N. Quezado<sup>b</sup>

<sup>a</sup>The Sheikh Zayed Institute for Pediatric Surgical Innovation and Center of Neuroscience  
Research, Children's Research Institute, Washington, DC, 20010

<sup>b</sup>Department of Perioperative Medicine, National Institutes of Health Clinical Center, National  
Institutes of Health, Bethesda, MD, USA, 20892

<sup>c</sup>Center for Genetic Medicine Research, Children's Research Institute, Children's National  
Health System, Washington, DC, Department of Integrative Systems Biology, George  
Washington University School of Medicine, Washington, DC and Health Sciences, Washington,  
DC, 20010

<sup>d</sup>Laboratory of Pathology, National Cancer Institute, National Institutes of Health, Bethesda,  
MD, USA, 20892

<sup>e</sup>Biostatistics and Clinical Epidemiology Service, National Institutes of Health Clinical Center,  
Bethesda, MD, USA, 20892

**\*Corresponding Author:**

Zena M.N. Quezado, MD

Department of Perioperative Medicine

NIH Clinical Center

Download English Version:

<https://daneshyari.com/en/article/9954205>

Download Persian Version:

<https://daneshyari.com/article/9954205>

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