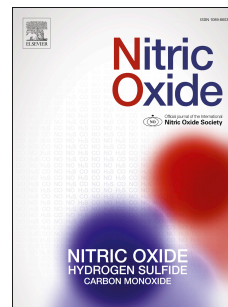


# Accepted Manuscript

Role of oral and gut microbiome in nitric oxide mediated colon motility

Miriam Y. Walker, Pratap S, Janet H. Southerland, C. Farmer-Dixon, L. Kesavalu, P. Gangula



PII: S1089-8603(17)30101-5

DOI: [10.1016/j.niox.2017.06.003](https://doi.org/10.1016/j.niox.2017.06.003)

Reference: YNIOX 1678

To appear in: *Nitric Oxide*

Received Date: 14 April 2017

Revised Date: 31 May 2017

Accepted Date: 5 June 2017

Please cite this article as:

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.

**Role of Oral and Gut Microbiome in Nitric Oxide mediated Colon Motility**

Miriam Y. Walker<sup>1</sup>, Pratap S<sup>2</sup>, Janet H. Southerland<sup>3</sup>, Farmer-Dixon C<sup>4</sup>, Kesavalu L<sup>5</sup>, Gangula P<sup>1,5</sup>

Department of Oral Biology<sup>1</sup>, Department of Biomedical Informatics<sup>2</sup>, Department of Oral Surgery<sup>3</sup>; Department of Dental Public Health<sup>4</sup>, School of Dentistry<sup>1,3,4</sup>; CWHR<sup>6</sup>; Meharry Medical College, Nashville TN; Department of Periodontology and Oral Biology, College of Dentistry, University of Florida, Gainesville, FL<sup>5</sup>.

**Corresponding Author:**

Pandu R Gangula, PhD

Associate Professor

Department of Oral Biology & Research

Meharry Medical College

1005 Dr. DB Todd Jr Blvd

Nashville, TN 37208

Email: [pgangula@mmc.edu](mailto:pgangula@mmc.edu)

Ph: 615-327-6511

**Disclosure statement:** Authors report no biomedical financial interests or potential conflicts of interest.

**Acknowledgements:** We thank the UNC Microbiome Core Facility at UNC, Chapel Hill, NC, and Microarray Bioinformatics Core Facility at Meharry Medical College, Nashville, TN, for microbiome analysis. Authors thank the Meharry Medical College Center of Excellence (COE) at the School of Dentistry, Nashville, TN, and Meharry Translational Research Center (MeTRC; 5U54MD007593—08) pilot grant funded to Dr. Gangula. We thank the Meharry Office for Scientific Editing and Publications for scientific editing support (S21MD000104).

Download English Version:

<https://daneshyari.com/en/article/8344691>

Download Persian Version:

<https://daneshyari.com/article/8344691>

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