## **Accepted Manuscript**

Staphylococcus Aureus Triggers Induction of MIR-15B-5P to Diminish DNA Repair and De-Regulate inflammatory Response in Diabetic Foot Ulcers

Horacio A. Ramirez, Irena Pastar, Ivan Jozic, Olivera Stojadinovic, Rivka C. Stone, Nkemcho Ojeh, Joel Gil, Stephen C. Davis, Robert S. Kirsner, Marjana Tomic-Canic

PII: S0022-202X(17)33306-7

DOI: 10.1016/j.jid.2017.11.038

Reference: JID 1225

To appear in: The Journal of Investigative Dermatology

Received Date: 12 May 2017

Revised Date: 25 November 2017 Accepted Date: 27 November 2017

Please cite this article as: Ramirez HA, Pastar I, Jozic I, Stojadinovic O, Stone RC, Ojeh N, Gil J, Davis SC, Kirsner RS, Tomic-Canic M, *Staphylococcus Aureus* Triggers Induction of MIR-15B-5P to Diminish DNA Repair and De-Regulate inflammatory Response in Diabetic Foot Ulcers, *The Journal of Investigative Dermatology* (2018), doi: 10.1016/j.jid.2017.11.038.

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.



## CCEPTED MANUSCRIPT

STAPHYLOCOCCUS AUREUS TRIGGERS INDUCTION OF MIR-15B-5P TO

DIMINISH DNA REPAIR AND DE-REGULATE INFLAMMATORY RESPONSE IN

**DIABETIC FOOT ULCERS** 

Horacio A. Ramirez<sup>1,2</sup>, Irena Pastar<sup>1</sup>, Ivan Jozic<sup>1</sup>, Olivera Stojadinovic<sup>1</sup>, Rivka C. Stone<sup>1,3</sup>,

Nkemcho Ojeh<sup>1,5</sup>, Joel Gil<sup>1</sup>, Stephen C. Davis<sup>1</sup>, Robert S. Kirsner<sup>1,4</sup> and Marjana Tomic-

Canic 1,2,6

<sup>1</sup>Wound Healing and Regenerative Medicine Research Program, Department of Dermatology

and Cutaneous Surgery, University of Miami Miller School of Medicine, Miami, FL;<sup>2</sup>Human

Genetics and Genomics Graduate Program in Biomedical Sciences, University of Miami Miller

School of Medicine, Miami, FL, <sup>3</sup>The Research Residency Program, Department of Dermatology

and Cutaneous Surgery, University of Miami- Miller School of Medicine, Miami FL; 4Wound

Healing Clinical Research Program, University of Miami Hospital, UM Health System, Miami,

FL, USA; <sup>5</sup>Faculty of Medical Sciences, the University of the West Indies, Bridgetown,

Barbados <sup>6</sup>John P. Hussman Institute for Human Genomics, University of Miami Miller School

of Medicine, Miami, FL

\*Corresponding author:

Marjana Tomic- Canic, PhD

Wound Healing and Regenerative Medicine Research Program, Department of Dermatology and

Cutaneous Surgery, University of Miami Miller School of Medicine, 1600 NW 10th Avenue,

RMSB, Room 2023A, Miami, FL 33136

Phone: 1-305-243-7295; Fax: 1-305-243-6191

e-mail:mtcanic@med.miami.edu

1

## Download English Version:

## https://daneshyari.com/en/article/8715944

Download Persian Version:

https://daneshyari.com/article/8715944

<u>Daneshyari.com</u>