

Accepted Manuscript

After skin wounding, noncoding dsRNA coordinates prostaglandins and Wnts to promote regeneration

Amadeus S. Zhu, Ang Li, Tabettha S. Ratliff, Martha Melsom, Luis A. Garza



PII: S0022-202X(17)31395-7

DOI: [10.1016/j.jid.2017.03.023](https://doi.org/10.1016/j.jid.2017.03.023)

Reference: JID 816

To appear in: *The Journal of Investigative Dermatology*

Received Date: 13 February 2017

Revised Date: 10 March 2017

Accepted Date: 18 March 2017

Please cite this article as: Zhu AS, Li A, Ratliff TS, Melsom M, Garza LA, After skin wounding, noncoding dsRNA coordinates prostaglandins and Wnts to promote regeneration, *The Journal of Investigative Dermatology* (2017), doi: 10.1016/j.jid.2017.03.023.

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.

After skin wounding, noncoding dsRNA coordinates prostaglandins and Wnts to promote regeneration.

Amadeus S. Zhu^[1], Ang Li^[1], Tabettha S. Ratliff^[1], Martha Melsom^[2], Luis A. Garza^[1]

Author affiliations:

^[1]Department of Dermatology, Johns Hopkins School of Medicine, Baltimore MD 21231

^[2]Department of Biology, Johns Hopkins University, Baltimore MD 21218

This work was done in Baltimore, Maryland, USA

Corresponding author:

Luis A. Garza, MD, PhD

Johns Hopkins School of Medicine

Suite 204 Koch CRBII, 1550 Orleans Street

Baltimore, MD 21231

Telephone: 410-955-8662

Fax: 410-614-0635

Email: LAG@jhmi.edu

Short title: PGE₂ and Wnt7b in skin regeneration

Keywords: skin, hair, regeneration

Abbreviations: dsRNA (double-stranded RNA), NHEK (normal human epidermal keratinocyte),

PGE₂ (prostaglandin E₂), PWD (post-wounding day), TLR3 (toll-like receptor 3), WIHN (wound induced hair neogenesis)

Download English Version:

<https://daneshyari.com/en/article/5649385>

Download Persian Version:

<https://daneshyari.com/article/5649385>

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