

Accepted Manuscript

Zika, dengue and yellow fever viruses induce differential anti-viral immune responses in human monocytic and first trimester trophoblast cells

Huanle Luo, Evandro R. Winkelmann, Ildefonso Fernandez-Salas, Li Li, Sandra V. Mayer, Rogelio Daniz-Lozano, Rosa Ma Sanchez-Casas, Nikos Vasilakis, Robert Tesh, Alan D. Barrett, Scott C. Weaver, Tian Wang

PII: S0166-3542(17)30707-6

DOI: [10.1016/j.antiviral.2018.01.003](https://doi.org/10.1016/j.antiviral.2018.01.003)

Reference: AVR 4227

To appear in: *Antiviral Research*

Received Date: 29 October 2017

Revised Date: 2 January 2018

Accepted Date: 6 January 2018

Please cite this article as: Luo, H., Winkelmann, E.R., Fernandez-Salas, I., Li, L., Mayer, S.V., Daniz-Lozano, R., Sanchez-Casas, R.M., Vasilakis, N., Tesh, R., Barrett, A.D., Weaver, S.C., Wang, T., Zika, dengue and yellow fever viruses induce differential anti-viral immune responses in human monocytic and first trimester trophoblast cells, *Antiviral Research* (2018), doi: 10.1016/j.antiviral.2018.01.003.

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.



Zika, dengue and yellow fever viruses induce differential anti-viral immune responses in human monocytic and first trimester trophoblast cells

Huanle Luo ¹, Evandro R Winkelmann ¹, Ildefonso Fernandez-Salas ², Li Li ³, Sandra V Mayer ³, Rogelio Daniz-Lozano ², Rosa Ma Sanchez-Casas ⁴, Nikos Vasilakis ^{3,5,6}, Robert Tesh ^{3,5,6}, Alan D Barrett ^{3,5,6}, Scott C Weaver ^{1,3,5,6}, and Tian Wang ^{1,3,5,6*}

Running Title: Zika virus induces differential response

¹Department of Microbiology & Immunology, University of Texas Medical Branch, Galveston, TX, 77555, USA. ²Centro Regional de Salud Pública, Instituto Nacional de Salud Pública, Tapachula, Mexico. ³Department of Pathology, University of Texas Medical Branch, Galveston, TX, 77555, USA. ⁴FMVZ/CIDICS. Universidad Autonoma de Nuevo Leon, Monterrey NL Mexico. ⁵Sealy Center for Vaccine Development, University of Texas Medical Branch, Galveston, TX, 77555, USA. ⁶Institute for Human Infections and Immunity, University of Texas Medical Branch, Galveston, Texas, USA

* Correspondence: Dr. Tian Wang, Department of Microbiology & Immunology, The University of Texas Medical Branch, Keiller 3.118B, Galveston, TX, 77555-0609, USA. Telephone: +1-409-772-3146; Fax: +1-409-772-3338; E-mail: ti1wang@utmb.edu.

Download English Version:

<https://daneshyari.com/en/article/8523334>

Download Persian Version:

<https://daneshyari.com/article/8523334>

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