

Accepted Manuscript

Title: Immunobiologically relevant level of aflatoxin B₁ alters transcription of key functional immune genes, phagocytosis and survival of human dendritic cells

Authors: Jalil Mehrzad, Abbas Bahari, Mohammad Reza Bassami, Mahmoud Mahmoudi, Hesam Dehghani



PII: S0165-2478(17)30434-0
DOI: <https://doi.org/10.1016/j.imlet.2018.03.008>
Reference: IMLET 6188

To appear in: *Immunology Letters*

Received date: 9-9-2017
Revised date: 17-3-2018
Accepted date: 18-3-2018

Please cite this article as: Mehrzad Jalil, Bahari Abbas, Bassami Mohammad Reza, Mahmoudi Mahmoud, Dehghani Hesam. Immunobiologically relevant level of aflatoxin B₁ alters transcription of key functional immune genes, phagocytosis and survival of human dendritic cells. *Immunology Letters* <https://doi.org/10.1016/j.imlet.2018.03.008>

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.

Immunobiologically relevant level of aflatoxin B₁ alters transcription of key functional immune genes, phagocytosis and survival of human dendritic cells

Jalil Mehrzad^{1,2,+,*}, Abbas Bahari^{2,‡,+}, Mohammad Reza Bassami³, Mahmoud Mahmoudi⁴, Hesam Deghani⁵

¹*Section Immunology, Department of Microbiology and Immunology, Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran.*

²*Department of Pathobiology, Sections Immunology and Biotechnology, Faculty of Veterinary Medicine, and Institute of Biotechnology, Ferdowsi University of Mashhad, Mashhad, Iran.*

³*Department of Basic Sciences, Faculty of Veterinary Medicine, and Institute of Biotechnology, Ferdowsi University of Mashhad, Mashhad, Iran.*

⁴*Immunology Research Center, Department of Immunology and Allergy, School of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran.*

⁵*Department of Clinical Science, Faculty of Veterinary Medicine, and Institute of Biotechnology, Ferdowsi University of Mashhad, Mashhad, Iran.*

[‡]present address: Research Institute of Modern Biological Techniques, University of Zanjan

⁺Equally first authors

^{*}*Corresponding author (Tel: +98-21-61117051; Fax: +98-21-66933222; email: mehrzad@ut.ac.ir)*

Running Title: AFB₁ versus human DCs' key functions

Download English Version:

<https://daneshyari.com/en/article/8738315>

Download Persian Version:

<https://daneshyari.com/article/8738315>

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