Accepted Manuscript

Mycobacterium tuberculosis cording in alveolar macrophages of patients with pulmonary tuberculosis is likely associated with increased mycobacterial virulence

Elena G. Ufimtseva, Natalya I. Eremeeva, Ekaterina M. Petrunina, Tatiana V. Umpeleva, Sergey I. Bayborodin, Diana V. Vakhrusheva, Sergey N. Skornyakov

PII: \$1472-9792(18)30055-6

DOI: 10.1016/j.tube.2018.07.001

Reference: YTUBE 1727

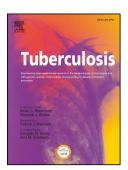
To appear in: Tuberculosis

Received Date: 10 February 2018

Revised Date: 3 April 2018 Accepted Date: 2 July 2018

Please cite this article as: Ufimtseva EG, Eremeeva NI, Petrunina EM, Umpeleva TV, Bayborodin SI, Vakhrusheva DV, Skornyakov SN, *Mycobacterium tuberculosis* cording in alveolar macrophages of patients with pulmonary tuberculosis is likely associated with increased mycobacterial virulence, *Tuberculosis* (2018), doi: 10.1016/j.tube.2018.07.001.

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.



ACCEPTED MANUSCRIPT

- 1 Original Article
- 2 DIAGNOSTICS
- 3 Mycobacterium tuberculosis Cording in Alveolar Macrophages of Patients with
- 4 Pulmonary Tuberculosis Is Likely Associated with Increased Mycobacterial
- 5 Virulence
- 6 Elena G. Ufimtseva^{a,b,*}, Natalya I. Eremeeva^b, Ekaterina M. Petrunina^b, Tatiana V. Umpeleva^b,
- 7 Sergey I. Bayborodin^c, Diana V. Vakhrusheva^b, Sergey N. Skornyakov^b

8

- 9 ^aThe Research Institute of Biochemistry, Federal Research Center of Fundamental and Translation
- 10 Medicine, 2 Timakova street, 630117 Novosibirsk, Russia
- ^bUral Research Institute for Phthisiopulmonology, National Medical Research Center of
- 12 Tuberculosis and Infectious Diseases of Ministry of Health of the Russian Federation, 50 XXII
- 13 Partsyezda, 620039 Yekaterinburg, Russia
- ^cThe Federal Research Center Institute of Cytology and Genetics, 10 Lavrentyeva prospect, 630090
- 15 Novosibirsk, Russia

16

*Corresponding author. Tel. +7 9134806211. E-mail address: <u>ufim1@ngs.ru</u> (E. G. Ufimtseva)

18

- 19 E-mail address of each author:
- 20 <u>ufim1@ngs.ru</u> (E. G. Ufimtseva), <u>eremeevani@yandex.ru</u> (N. I. Eremeeva), <u>ekaterina_b89@list.ru</u>
- 21 (E. M. Petrunina), tumpeleva@ya.ru (T. V. Umpeleva), bai@bionet.nsc.ru (S. I. Bayborodin),
- 22 <u>vakhrusheva@urniif.ru</u> (D. V. Vakhrusheva), <u>sns@urniif.ru</u> (S. N. Skornyakov).

23

24

25

26

27

Download English Version:

https://daneshyari.com/en/article/8485059

Download Persian Version:

https://daneshyari.com/article/8485059

<u>Daneshyari.com</u>