

# Accepted Manuscript

Revealing hidden clonal complexity in *Mycobacterium tuberculosis* infection by qualitative and quantitative improvement of sampling

Laura Pérez-Lago, Juan José Palacios, Marta Herranz, María Jesús Ruiz Serrano, Emilio Bouza, Darío García-de-Viedma, PhD

PII: S1198-743X(14)00051-2

DOI: [10.1016/j.cmi.2014.09.015](https://doi.org/10.1016/j.cmi.2014.09.015)

Reference: CMI 50

To appear in: *Clinical Microbiology and Infection*

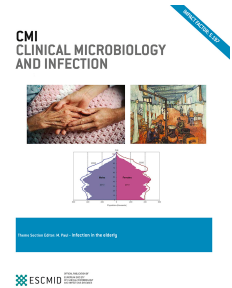
Received Date: 14 August 2014

Revised Date: 22 September 2014

Accepted Date: 26 September 2014

Please cite this article as: Pérez-Lago L, Palacios JJ, Herranz M, Serrano MJR, Bouza E, García-de-Viedma D, Revealing hidden clonal complexity in *Mycobacterium tuberculosis* infection by qualitative and quantitative improvement of sampling, *Clinical Microbiology and Infection* (2014), doi: 10.1016/j.cmi.2014.09.015.

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.



1 **Revealing hidden clonal complexity in *Mycobacterium tuberculosis***  
2 **infection by qualitative and quantitative improvement of sampling**

3

4

5 **Laura Pérez-Lago<sup>1,2,3</sup>, Juan José Palacios<sup>4</sup>, Marta Herranz<sup>1,2,3</sup>, María Jesús Ruiz**  
6 **Serrano<sup>1,2,3</sup>, Emilio Bouza<sup>1,2,3,5</sup>, Darío García-de-Viedma<sup>1,2,3,6\*</sup>**

7

8 1 Servicio Microbiología Clínica y Enfermedades Infecciosas, Hospital General Universitario  
9 Gregorio Marañón, Madrid, Spain

10 2 Instituto de Investigación Sanitaria Gregorio Marañón, Madrid, Spain

11 3 CIBER Enfermedades respiratorias, CIBERES

12 4 Unidad de Referencia Regional de Micobacterias, Hospital Universitario Central de Asturias,  
13 de Oviedo, Spain

14 5 Departamento de Medicina, Facultad de Medicina, Universidad Complutense de Madrid,  
15 Madrid, Spain

16 6 CEI Campus Moncloa, UCM-UPM, Madrid, Spain

17

18 \*Corresponding author: Darío García de Viedma, PhD

19 Servicio de Microbiología y Enfermedades Infecciosas

20 Hospital General Universitario Gregorio Marañón

21 Instituto de Investigación Sanitaria Gregorio Marañón

22 C/ Dr Esquerdo, 46

23 28007 Madrid, Spain

24 Fax: 91 5044906

25 e-mail:dgvedma2@gmail.com

26

27 **Running title:** Revealing hidden clonal complexity in *Mycobacterium tuberculosis*

28 **Word count Abstract: 246**

29 **Word count Text: 2835**

30

31

Download English Version:

<https://daneshyari.com/en/article/6129712>

Download Persian Version:

<https://daneshyari.com/article/6129712>

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