frontiers in Microbiology

CORRECTION
published: 31 May 2018
doi: 10.3389/fmicb.2018.01168

Corrigendum: Lipid Bodies as Sites of Prostaglandin E2 Synthesis During Chagas Disease: Impact in the Parasite Escape Mechanism

Patrícia E. de Almeida[1], Daniel A. M. Toledo[2], Gabriel S. C. Rodrigues[1] and Heloisa D'Avila[1]**

[1] Laboratory of Cellular Biology, Department of Biology, Federal University of Juiz de Fora, Juiz de Fora, Brazil, [2] Minas Gerais Federal Institute, Belo Horizonte, Brazil

Keywords: *T. cruzi*, lipid droplets, prostaglandin, infectious diseases, inflammation, lipid mediators, parasite replication, Chagas disease

OPEN ACCESS

Edited and reviewed by:
Celio Geraldo Freire-de-Lima, Universidade Federal do Rio de Janeiro, Brazil

****Correspondence:***
Heloisa D'Avila
davila.bizarro@ufjf.edu.br
Patrícia E. de Almeida
patricia.almeida@ufjf.edu.br

Specialty section:
This article was submitted to Microbial Immunology, a section of the journal Frontiers in Microbiology

Received: *07 May 2018*
Accepted: *14 May 2018*
Published: *31 May 2018*

Citation:
Almeida PE, Toledo DAM, Rodrigues GSC and D'Avila H (2018) Corrigendum: Lipid Bodies as Sites of Prostaglandin E2 Synthesis During Chagas Disease: Impact in the Parasite Escape Mechanism. Front. Microbiol. 9:1168. doi: 10.3389/fmicb.2018.01168

A corrigendum on

Lipid Bodies as Sites of Prostaglandin E2 Synthesis During Chagas Disease: Impact in the Parasite Escape Mechanism
by Almeida, P. E., Toledo, D. A. M., Rodrigues, G. S. C., and D'Avila, H. (2018). Front. Microbiol. 9:499. doi: 10.3389/fmicb.2018.00499

In our mini review article there was an error in the infected macrophage included in **Figure 1A** and the name of one of the authors of the **Figure 1C** was omitted.

The correct version of **Figure 1A**, its legend, and the name of the authors of **Figure 1C** appear below. The authors apologize for the mistake. This error does not change the scientific conclusions of the mini review article in any way.

The original article has been updated.

Conflict of Interest Statement: The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest.

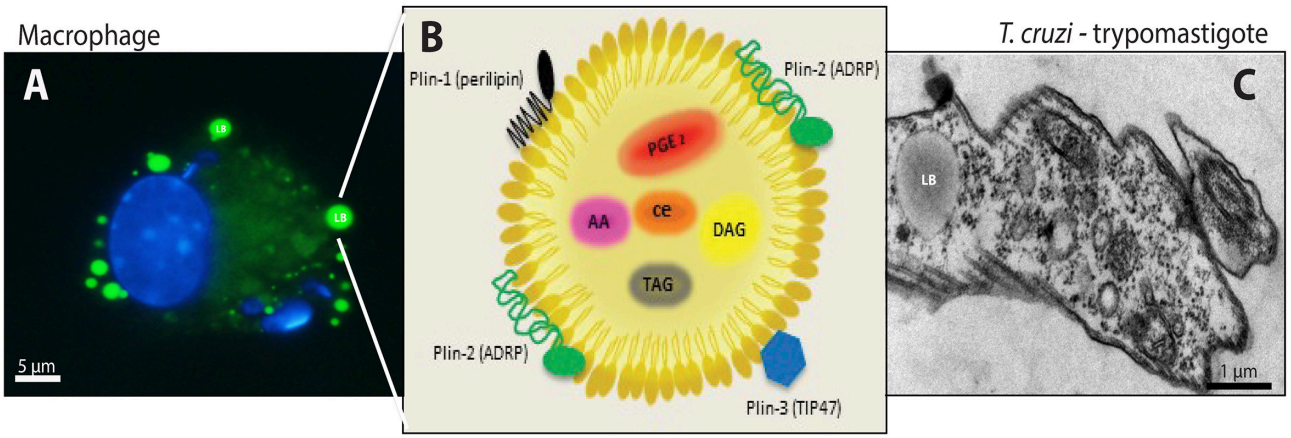

FIGURE 1 | Lipid bodies (LBs) biogenesis and components in both the host cell cytoplasm during the interaction and/or infection with *T. cruzi* and in the trypomastigotes forms of *T. cruzi*. **(A)** LBs accumulation (green) in murine infected macrophage after staining with BODIPY® 493/503. Nuclei of macrophage and internalized parasites were stained with DAPI (4′,6- diamidino-2-phenylindole; blue). **(B)** Schematic representation of the structural composition of a LB. Colored objects represent LBs surface-bound proteins located in the phospholipid monolayer. Prostaglandin E_2 (PGE) $_2$, Arachidonic acid (AA), Diacilclycerols (DAG), Triacylglycerols (TAG) and cholesterol esters (CE) are found in the neutral lipid core. **(C)** Electron micrograph showing a LB in the trypomastigote form of *T. cruzi*. From: Melo, RCN (courtesy); Toledo, DAM and D'Avila, H.