



OPEN ACCESS

APPROVED BY
Frontiers Editorial Office,
Frontiers Media SA, Switzerland

*CORRESPONDENCE
Catherine Riou
✉ cr.riou@uct.ac.za

†These authors have contributed equally to
this work

†Deceased: Bongani Mayosi

SPECIALTY SECTION
This article was submitted to
Microbial Immunology,
a section of the journal
Frontiers in Immunology

RECEIVED 10 January 2023
ACCEPTED 11 January 2023
PUBLISHED 06 February 2023

CITATION
Du Bruyn E, Ruzive S, Howlett P,
Cerrone M, Jacobs AJ, Lindestam
Arlehamn CS, Sette A, Sher A,
Mayer-Barber KD, Barber DL, Mayosi B,
Ntsekhe M, Wilkinson RJ and Riou C (2023)
Corrigendum: Comparison of the
frequency and phenotypic profile of
Mycobacterium tuberculosis-specific CD4
T cells between the site of disease and
blood in pericardial tuberculosis.
Front. Immunol. 14:1141704.
doi: 10.3389/fimmu.2023.1141704

COPYRIGHT
© 2023 Du Bruyn, Ruzive, Howlett, Cerrone,
Jacobs, Lindestam Arlehamn, Sette, Sher,
Mayer-Barber, Barber, Mayosi, Ntsekhe,
Wilkinson and Riou. This is an open-access
article distributed under the terms of the
[Creative Commons Attribution License
\(CC BY\)](https://creativecommons.org/licenses/by/4.0/). The use, distribution or
reproduction in other forums is permitted,
provided the original author(s) and the
copyright owner(s) are credited and that
the original publication in this journal is
cited, in accordance with accepted
academic practice. No use, distribution or
reproduction is permitted which does not
comply with these terms.

Corrigendum: Comparison of the frequency and phenotypic profile of *Mycobacterium tuberculosis*-specific CD4 T cells between the site of disease and blood in pericardial tuberculosis

Elsa Du Bruyn¹, Sheena Ruzive¹, Patrick Howlett¹,
Maddalena Cerrone^{1,2,3}, Ashley J. Jacobs¹,
Cecilia S. Lindestam Arlehamn⁴, Alessandro Sette^{4,5}, Alan Sher⁶,
Katrin D. Mayer-Barber⁷, Daniel L. Barber⁸, Bongani Mayosi^{9,10†},
Mpiko Ntsekhe^{1,9,10}, Robert J. Wilkinson^{1,2,3,9†}
and Catherine Riou^{1,11*†}

¹Wellcome Centre for Infectious Disease Research in Africa, Institute of Infectious Disease and Molecular Medicine, University of Cape Town, Cape Town, South Africa, ²Department of Infectious Diseases, Imperial College London, London, United Kingdom, ³Tuberculosis Laboratory, The Francis Crick Institute, London, United Kingdom, ⁴Center for Infectious Disease and Vaccine Research, La Jolla Institute for Immunology, La Jolla, CA, United States, ⁵Department of Medicine, University of California San Diego, La Jolla, CA, United States, ⁶Immunobiology Section, Laboratory of Parasitic Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD, United States, ⁷Inflammation and Innate Immunity Unit, Laboratory of Clinical Immunology and Microbiology, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD, United States, ⁸T Lymphocyte Biology Section, Laboratory of Parasitic Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD, United States, ⁹Department of Medicine, University of Cape Town, Cape Town, South Africa, ¹⁰Division of Cardiology, Department of Medicine, University of Cape Town, Cape Town, South Africa, ¹¹Division of Medical Virology, Department of Pathology, University of Cape Town, Cape Town, South Africa

KEYWORDS

pericardial tuberculosis, site of disease, CD4 response, treatment response, whole blood, pericardial fluid

A Corrigendum on:

Comparison of the frequency and phenotypic profile of *Mycobacterium tuberculosis*-specific CD4 T cells between the site of disease and blood in pericardial tuberculosis

by Du Bruyn E, Ruzive S, Howlett P, Cerrone M, Jacobs AJ, Arlehamn CSL, Sette A, Sher A, Mayer-Barber KD, Barber DL, Mayosi B, Ntsekhe M, Wilkinson RJ and Riou C (2022) *Front. Immunol.* 13:1009016. doi: 10.3389/fimmu.2022.1009016

In the published article, there was an error in the author list, and author Maddalena Cerrone was erroneously excluded. The corrected author list appears above.

The author has also been included in the Author Contributions section shown below.

Author contributions

CR, EB, DB, KM-B, MN, BM and RW designed the study. PH, MC, AJ and EB recruited the study participants. SR, EB, MC, and CR performed the whole blood and PCF assay. EB and CR performed the flow experiments. CR analysed and interpreted the data. ASe and CLA provided critical reagents. RW, ASH and CR obtained funding to support the project. CR and EB wrote the manuscript with all authors contributing to providing critical feedback.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.