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Targeted next-generation sequencing: a Swiss army knife for mycobacterial diagnostics?

Sagal Mohamed¹, Claudio U. Köser ², Max Salfinger³, Wladimir Sougakoff⁴ and Scott K. Heysell¹

Affiliations: ¹Division of Infectious Diseases and International Health, University of Virginia Charlottesville, Charlottesville, VA, USA. ²Dept of Genetics, University of Cambridge, Cambridge, UK. ³University of South Florida College of Public Health and Morsani College of Medicine, Tampa, FL, USA. ⁴Sorbonne Université, INSERM U1135, CIMI-Paris, APHP, Hôpital Pitié-Salpêtrière, NRC-MyRMA, Paris, France.

Correspondence: Max Salfinger, University of South Florida College of Public Health, 13201 Bruce B. Downs Blvd, MDC 56, Tampa, FL 33612, USA. E-mail: max@usf.edu



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The genus *Mycobacterium* encompasses almost 200 species that fall into four main groups [1]. Specifically, the *Mycobacterium tuberculosis* complex (MTBC), the causative agent of tuberculosis (TB) and leading cause of death by a single infectious agent, is distinguished from mycobacteria causing Buruli ulcer and leprosy [2, 3]. The remaining species are referred to as nontuberculous mycobacteria (NTM), which mainly cause lung disease and have become more frequent in many parts of the world, particularly amongst older patients [4].