

Publications:

PEER-REVIEWED JOURNAL ARTICLES

Williams M, Mizrahi V, Kana BD. 2013. Molybdenum cofactor: A key component of *Mycobacterium tuberculosis* pathogenesis? *Crit. Rev. Microbiol.* **(40)** 18-29

Williams MJ, Kana BD, Mizrahi V. 2011. Functional analysis of molybdopterin biosynthesis in mycobacteria identifies a fused molybdopterin synthase in *Mycobacterium tuberculosis*. *J. Bacteriol.* 193:98–106.

Beatty KE, **Williams M**, Carlson BL, Swarts BM, Warren RM, van Helden PD, Bertozzi CR. 2013. Sulfatase-activated fluorophores for rapid discrimination of mycobacterial species and strains. *Proc. Natl. Acad. Sci. U. S. A.* **110**:12911–12916

Sao Emani C, **Williams MJ**, Wiid IJ, Hiten NF, Viljoen AJ, Pietersen R-DD, van Helden PD, Baker B. 2013. Ergothioneine Is a Secreted Antioxidant in *Mycobacterium smegmatis*. *Antimicrob. Agents Chemother.* 57:3202–3207.

BOOK CHAPTERS

Williams, M., B. Müller, P. Uys, T. C. Victor, R. M. Warren, and N. C. Gey van Pittius. (2011) Chapter 9: Tuberculosis Recurrence: Exogenous or Endogenous?, p. 73–80. *In* P.R. Donald, and P.D. van Helden (eds.), *Progress in Respiratory Research*. KARGER, Basel

Müller, B., R. M. Warren, **M. Williams**, E. C. Böttger, N. C. Gey van Pittius, and T. C. Victor. (2011) Chapter 11: Acquisition, Transmission and Amplification of Drug-Resistant Tuberculosis, p. 96–104. *In* P.R. Donald, and P.D. van Helden (eds.), *Progress in Respiratory Research*. KARGER, Basel.