Mycobacterium tuberculosis (Mtbc) kills 1.7 million people annually. The Th1 paradigm does not explain TB-driven cavitation. Current treatment is lengthy with many adverse effects. The Interleukin-23/IL-17/IL-22/IL-23 axis plays a critical role in early Mtbc containment. Respiratory treatment is lengthy with many adverse effects. The Interleukin-23/IL-17/IL-22/IL-23 axis plays a critical role in early Mtbc containment.

Abstract T1 Figure 1 Pulmonary epithelial cells around a TB granuloma expressed IL-17 (A). Strong immunoreactivity for MMP-3 (B) in pulmonary epithelial cells around TB granulomas was also detected. Control lungs (not shown) were negative.

Abstract T2 Figure 1 Phagocytosis of FITC labelled Pseudomonas aeruginosa by neutrophils is enhanced by recombinant Ficolin-2 (MASP-2). Their role in chronic lung disease has not previously been investigated.