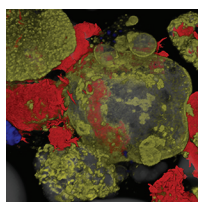




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COVER IMAGE



Cover photograph: *Mycobacterium tuberculosis* (red) thriving in fat (grey). *M. tuberculosis*, the pathogen that is singularly responsible for maximum mortality in humans, thrives in lipid-rich caseous granulomas. Nandy et al. utilized an adipocyte model of infection to understand the physiology of these bacilli in such an environment. The bacilli grow unrestricted as they utilize lipids (grey) from the adipocyte while the infected cell undergoes necrosis (pyknotic nuclei can be seen in blue). Cell-associated bacillary cords can be seen inside and outside the cellular remains marked by the lipid droplet coat protein perilipin (yellow). This work highlights the host-derived macro- and micronutrient synergy that the bacilli exploit to develop resilience to oxidative stress. (See related article at e00041-18.) (Copyright © 2018 Nandy et al. CC-BY 4.0.)

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