

Cover image: Pictured is a cultured human cell internalizing the infectious form of *Chlamydia trachomatis*, an obligate intracellular bacterial pathogen that can cause blindness in humans. The spore-like elementary bodies (EBs) of *C. trachomatis* have long been considered to be metabolically dormant, but Anders Omsland et al. report that EBs are capable of high levels of metabolic and biosynthetic activities that are independent of host cells. The findings may facilitate biochemical and physiological analyses of *C. trachomatis*. See the article by Omsland et al. on pages 19781–19785. Image courtesy of E. Fischer (National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD).

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