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Cover photograph (Copyright © 2016, American Society for Microbiology. All Rights Reserved.): Budding cryptococcal yeast cell, stationary in the vasculature of a zebrafish larva as erythrocytes flow past. *Cryptococcus* cells inoculated into zebrafish larvae are initially taken up by phagocytes but after hours to days are seen intermittently free in the vasculature in small numbers. A cycle of host cell release and recapture maintains this low-level fungemia, which eventually leads to brain invasion. (See related article on page 3047.)