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Cover photograph (Copyright © 2006, American Society for Microbiology. All Rights Reserved.): Sexual forms of *Cryptococcus gattii* (*Filobasidiella bacillispora*) with hyphae, basidia, and basidiospores. The scanning electron photomicrograph was shaded with pseudocolors to highlight structural details (coloring courtesy of Stuart Lehrman). The compatible pairs of yeast cells (*MAT α* and *MATa*), used in mating reactions, appear light brown. Hyphae, resulting from yeast cell conjugations, are shaded bluish-gray. Globe-shaped to semi-club-shaped basidia are colored in cream. Straight or slightly curved basidiospores or sexual spores are in light green. The characteristic four-spot basidiospore arrangement on the basidium is seen in the lower right. Deletion of *C. gattii* *STE12* causes delayed and poor mating. (See related article on page 1065.)