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Cover photograph (Copyright © 2007, American Society for Microbiology. All Rights Reserved.): Cross sections of *Staphylococcus epidermidis* biofilms probed to illuminate regions of DNA synthetic activity (green) and counterstained to show the extent of the biomass (red). This and other techniques suggest that *S. epidermidis* biofilms harbor cells in at least four different states: growing aerobically, growing fermentatively, dormant, and dead. The three specimens shown here were each approximately 150 μm thick. (See related article on page 4223.)