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Cover photograph (Copyright © 2013, American Society for Microbiology. All Rights Reserved.): *Staphylococcus epidermidis* serine protease Esp inhibits *Staphylococcus aureus* colonization and biofilm formation by degrading specific proteins that are crucial for biofilm construction and host-pathogen interaction. Esp selectively degrades biofilm matrix proteins as well as cell wall-anchored proteins, including 11 biofilm formation- and colonization-associated proteins. In addition, Esp degraded several human receptor proteins of *S. aureus*. Understanding of mechanisms underlying the commensal-pathogen and host-pathogen interactions may shed light on developing therapy for clinically important biofilm-infectious diseases. (See related article on page 1645.)