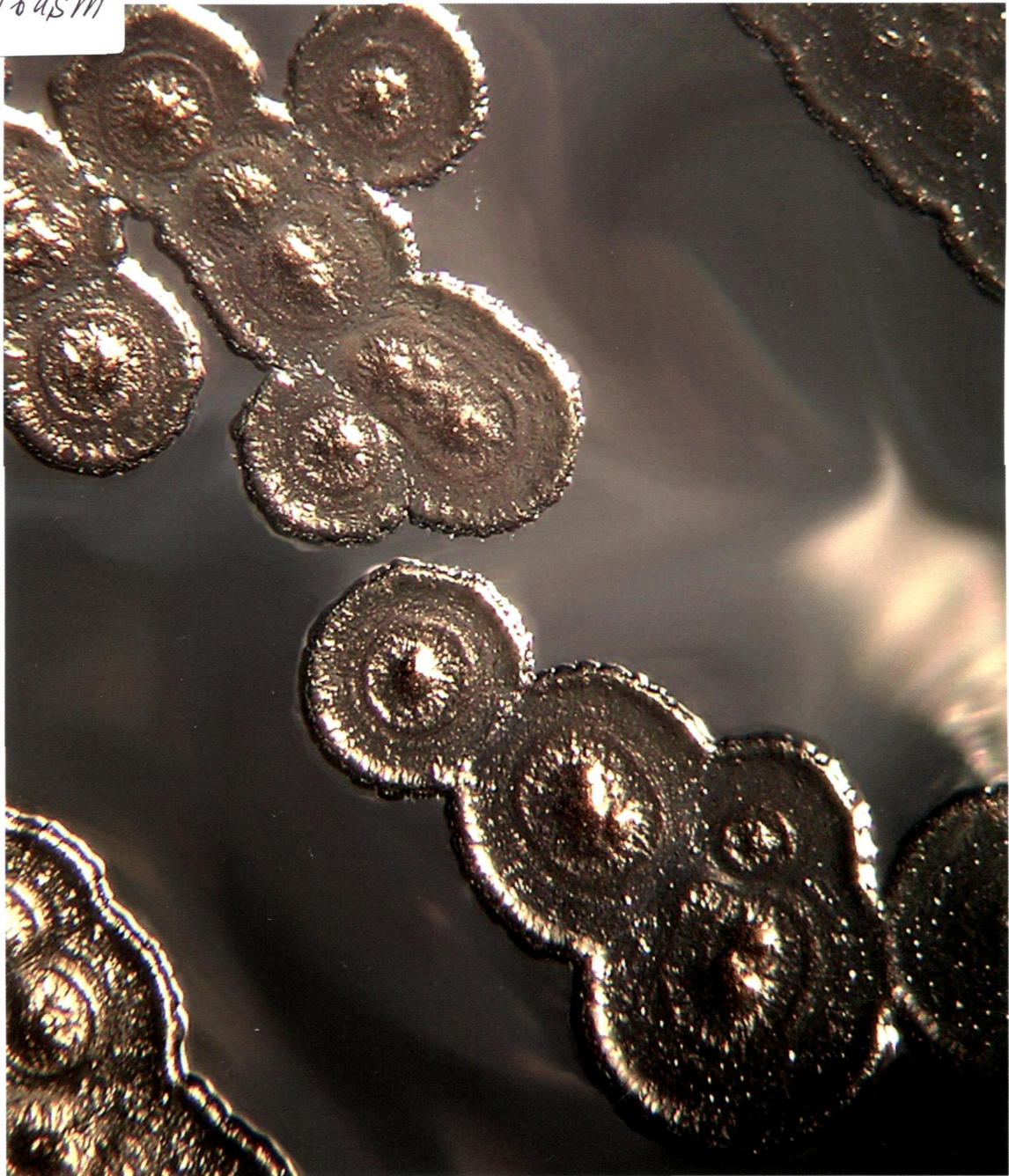


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The *Haemophilus* Cryptic Genospecies Cha Adhesin Has at Least Two Variants That Differ in Host Cell Binding, Bacterial Aggregation, and Biofilm Formation Properties

Jessica R. McCann, Amanda J. Sheets,
Susan Grass, Joseph W. St. Geme III

1780–1788

Cover photograph (Copyright © 2014, American Society for Microbiology. All Rights Reserved.): Colonies of a *Pseudomonas aeruginosa* clinical strain isolated from the airways of a patient with the genetic disease cystic fibrosis. The colonies grown on agar are iridescent and show autolysis. Such phenotypes are observed in *Pseudomonas aeruginosa* laboratory mutant strains (such as the $\Delta relA \Delta spoT$ mutant described by Schafhauser et al. in this issue) and clinical isolates that accumulate excessive 4-hydroxy-2-alkylquinoline (HAQ) molecules. (See related article on page 1641.)