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Structure, Synthesis and Role in Disease

Edited by Michèle A. Barocchi and John L. Telford

Bacterial pili play important roles as environmental sensors in host colonization and biofilm formation enabling bacteria to interact with the environment, with surfaces and with other bacteria and host cells. Most bacteria, both Gram-positive and Gram-negative, and almost all bacterial pathogens, are piliated. This book discusses the synthesis, structure, evolution, function and role in pathogenesis of these complex structures, and their basis for vaccine development and therapeutics for *Streptococcus* pathogens. With contributions from leading scientists, this book is an essential resource for researchers and students of medical microbiology.

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