Record Nr. UNINA9910373920703321 Targeting Biofilms in Translational Research, Device Development, and **Titolo** Industrial Sectors / / edited by Dustin L. Williams Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2019 **ISBN** 3-030-30667-4 Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (XVII, 162 p. 21 illus., 18 illus. in color.) Disciplina 616.9041 610.284 Soggetti Medical microbiology Biomedical engineering Cell membranes Bacteriology Microbial genetics Microbial genomics Health promotion Medical Microbiology Biomedical Engineering/Biotechnology Membrane Biology Microbial Genetics and Genomics Health Promotion and Disease Prevention Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index.

Sommario/riassunto This book offers a much-needed discussion on the targetine

This book offers a much-needed discussion on the targeting of biofilm-related infections. Chapters include discussions on the impact of biofilm on medical implants, industrial applications, as well as wound and tissue infections. It also offers discussions on regulatory management for industrial sectors and medical environments. Given that there continues to be a paucity of effective antimicrobial products, devices, and coatings in clinical and industrial use that effectively reduce rates of infection or biofilm-related problems, Targeting

Biofilms in Translational Research, Device Development, and Industrial Sectors, offers a fresh and much-needed perspective aimed at helping create healthier controlled environments and safer devices. This comprehensive book is indispensable for industrial and academic translational researchers, device developers, and regulatory experts looking to create more effective antimicrobial products.