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Titolo	Russell, Hugo & Ayliffe's Principles and practice of disinfection, preservation, and sterilization [[electronic resource]]
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Altri autori (Persone)	FraiseAdam P MaillardJ.-Y SattarSyed
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Note generali	Rev. ed. of: Russell, Hugo & Ayliffe's principles and practice of disinfection, preservation & sterilization, c2004.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Historical introduction / A. Fraise -- Types of microbicidal and microbistatic agents / I. Al-Adham, R. Haddadin, and P. Collier -- Factors affecting the activities of microbicides / J.-Y. Maillard -- Biofilm recalcitrance : theories and mechanisms / A. McBain, N. Sufya, and A.H. Rickard -- Mechanisms of action of microbicides / P.A. Lambert -- Bacterial sensitivity and resistance to microbicides -- Antifungal activity of biocides / S. Fernandes ... [et al.] -- Sensitivity and resistance of protozoa to microbicides / V. Thomas -- Viricidal activity of biocides / J-Y Maillard, S. Sattar, and Pinto F. -- Transmissible spongiform encephalopathies / G. McDonnell -- Microbicides - the double-edged sword : environmental toxicity and emerging resistance / J.M. Pages ... [et al.] -- Evaluation of antimicrobial efficacy / I. Stanforth -- Assessing efficacy of professional healthcare antiseptics-a regulatory perspective / A.T. Sheldon -- Regulation of microbicides -- Sterilization processes -- New and emerging technologies / P.A. Burke and G. McDonnell --

Preservation of medicines and cosmetics / S.J. Hiom -- Sterility assurance : concepts, methods, and problems / R. Bancroft -- Special problems in hospital environment -- Antimicrobial surfaces and devices -- Other health sectors.

Sommario/riassunto

The new edition of this established and highly respected text is THE definitive reference in its field. It details methods for the elimination or prevention/control of microbial growth, and features: New chapters on bioterrorism and community healthcare New chapters on microbicide regulations in the EU, USA and Canada Latest material on microbial resistance to microbicides Updated material on new and emerging technologies, focusing on special problems in hospitals, dentistry and pharmaceutical practice Practical advice on problems of disinfection and antisepti
