



Peptide Antibiotics: Discovery Modes Of Action And Applications (Hardback)

By -

Taylor Francis Inc, United States, 2002. Hardback. Condition: New. Language: English . This book usually ship within 10-15 business days and we will endeavor to dispatch orders quicker than this where possible. Brand New Book. This reference summarizes the latest research on the structure, function, and design of synthetic and natural peptide antibiotics, describing practical applications of these compounds in food preservation and packaging, and in the prevention and treatment of infectious diseases by direct anti-bacterial action and as part of the adaptive immune response. Peptide Antibiotics discusses these unique compounds and their many and exciting applications, including: * the distribution and classification of diverse antimicrobial peptides throughout nature * the role in host defense of mucosal surface peptide antibiotics such as defensins and cathepsins * the biosynthesis of lanthionine-containing antibiotics including nisin, epidermin, and mersacidin * the genetic basis determining the production of bacterial peptide antibiotics * the potential commercial use of magainin, nisin, and lactacin peptides as anti-infective agents * the use of nisin as a commercial food preservative With contributions from 19 world-renowned experts in the field, Peptide Antibiotics is an indispensable source of information for pharmaceutical scientists, medicinal and organic chemists and biochemists, microbiologists, infectious disease...



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