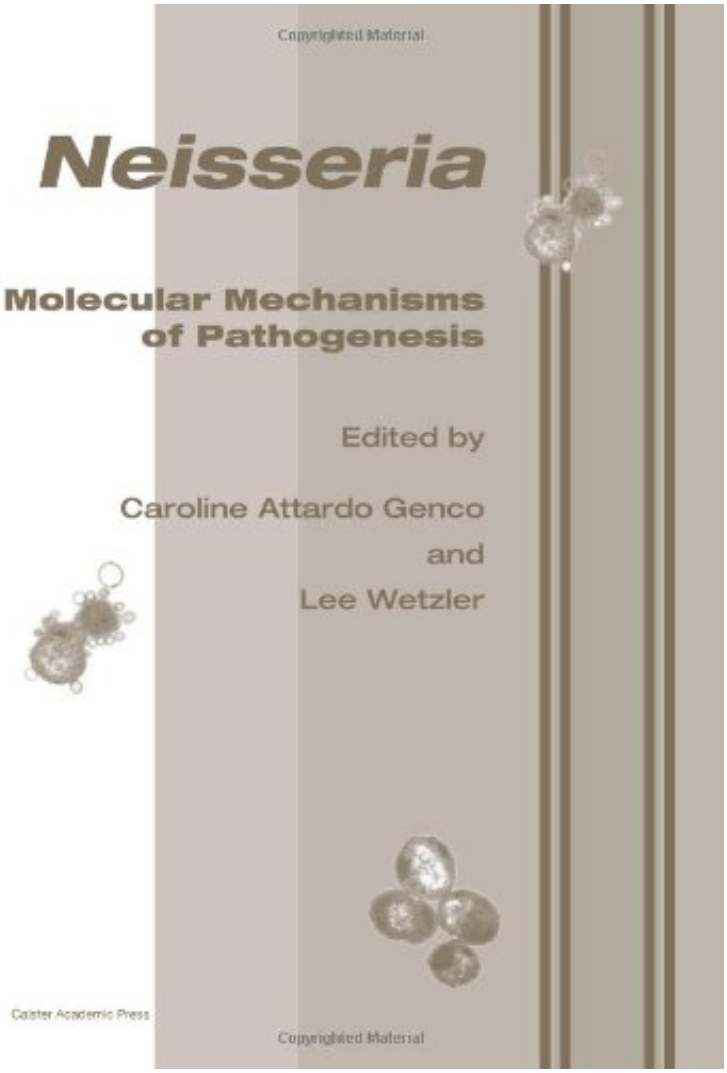
Neisseria: Molecular Mechanisms of Pathogenesis

From Caister Academic Press
*ebooks | Download PDF | *ePub | DOC | audiobook*



#3982448 in Books 2010-01-01Original language:EnglishPDF # 1 9.90 x .90 x 7.00l, 1.75 #File Name: 1904455514270 pages | File size: 28.Mb

From Caister Academic Press : Neisseria: Molecular Mechanisms of Pathogenesis before purchasing it in order to gage whether or not it would be worth my time, and all praised Neisseria: Molecular Mechanisms of Pathogenesis:

1 of 1 people found the following review helpful. Great book!By jfolsterGreat book! A must read for gonococcal researchers. The chapter on resistance is wonderfully written. The figures were masterfully prepared.

This important book provides research scientists, advanced students, clinicians, and other professionals with a comprehensive update on the current understanding of the molecular mechanisms of pathogenesis in Neisseria. Neisseria gonorrhoeae and Nesseria meningitidis are Gram-negative diplococci. N. gonorrhoeae is the causative agent

of gonorrhoeae and is transmitted via sexual contact. N. meningitidis is transmitted via respiratory droplets leading to colonization of the nasopharynx and can cause meningitis and septicemia. The book describes the latest, up-to-date research, theory, and clinical significance of molecular mechanisms in meningococcal disease. Leading authorities have contributed chapters on topics such as gene expression, genomics, biofilms, denitrification, adhesion strategies, and mechanisms of cellular invasion. A section on the host response to neisserial infection covers inate immunity, complement, apoptosis, and acquired immunity, while a section devoted to clinical correlation deals with vaccine development, epidemiology, and antibiotic resistance. The book is highly recommended for microbiologists, epidemiologists, and clinicians involved with Neisseria research or meningococcal disease, and it is a recommended text for all microbiology libraries.