Book Review

0. Westphal
Host-Parasite Relationships in Gram-Negative Infections
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The 20 invited reviews cover several aspects regarding various of the more common gram-negative bacterial infections, including virulence factors and relevant host defense mechanisms. The authors, all acknowledged experts in their respective fields, offer thorough and up-to-date reviews of enterobacterial lipopolysaccharides and oligosaccharides coupled to carrier proteins for vaccination purposes, K-antigens and fimbriae (pili) of Escherichia coli, the local and systemic immune responses to infection with E. coli, Vibrio cholerae, Shigella, and Salmonella spp. Another major portion of this volume is concerned with the pathogenesis of E. coli urinary tract infections, in children and pregnant females, followed by discussions of appropriate host defenses (anti-0 and anti-K antibodies, anti-Tamm-Horsfall kidney glyco-protein autoantibodies). The current state of the art with respect to gonococcal membrane proteins and pili and immunoprophylactic aspects are presented next. Finally, the role of inhaled lipopolysaccharides with regard to the pathogenesis of mill, mattress and humidifier fevers is discussed. The editors and the authors of this volume succeeded in presenting well-written and timely accounts of a selected number of topics regarding gram-negative obligate/facultative pathogens. It is hoped that future volumes will cover additional areas of this rapidly expanding field. The price of this volume is not modest. Nevertheless, this volume should find its way into departmental and institutional biomedical libraries.

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