

Molecular Oral Microbiology

Edited by: **Anthony H. Rogers** (Adelaide, Australia)

x + 292 pp. (+ 10 pages colour), February 2008

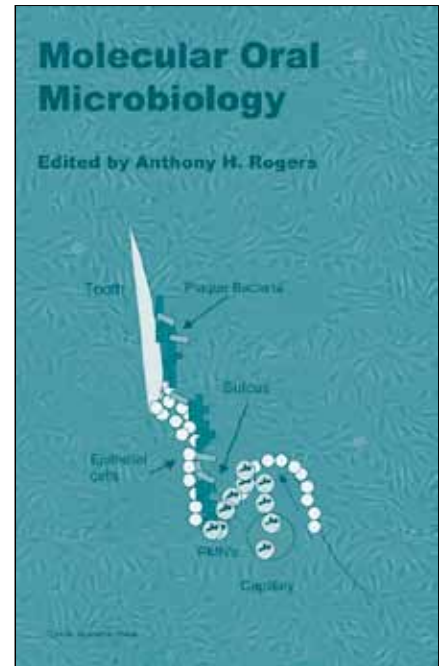
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A panel of experts discuss the molecular biology of microorganisms involved in the two major dental diseases: caries and periodontal disease. Research has focused on factors which might modulate the interaction between the resident oral bacteria and the host. Chapters deal with the interactions of oral micro-organisms with one another and with the host; the innate defence mechanisms of the host; and the development of vaccines against oral diseases. Topics include oral microbial taxonomy, identification and typing, applied genomics, horizontal gene transfer, cell-cell communication, cariogenic bacteria, *Aggregatibacter actinomycetemcomitans*, *Porphyromonas gingivalis*, *Treponema denticola*, host-pathogen interaction, host defense mechanisms, and vaccination against oral infections.

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