

Periodontal microbiology 上課大綱

1. Molecular techniques in oral microbial taxonomy, identification and typing
2. Applied genomics of some oral bacteria
3. Horizontal gene transfer in oral bacteria
4. Cell-cell communication in oral microbial communities
5. The molecular biology of cariogenic bacteria
6. Molecular windows into the pathogenic properties of *Aggregatibacter actinomycetemcomitans* : a status report with a view to the future
7. The molecular biology of *Porphyromonas gingivalis*
8. The molecular biology of the survival and virulence of *Treponema denticola*
9. The molecular basis of host-pathogen interaction in the oral cavity
10. The molecular basis of host defence mechanism in oral disease
11. Molecular approaches to vaccination against oral infections