

Contents

1 Tooth Development: Embryology of the Craniofacial Tissues	1
Zheng Liwei, Wang Chenglin, and Ye Ling	
2 Biofilm and Dental Caries	27
Xu Xin, Zhou Yuan, Shi Wenyuan, Liu Yaling, and Zhou Xuedong	
3 Saliva and Dental Caries	59
Wang Renke	
4 Demineralization and Remineralization	71
Cheng Lei, Li Jiyao, Xu Hockin H.K., and Zhou Xuedong	
5 The Diagnosis for Caries	85
Yang Liu, Li Boer, Wang Shuang, Zhang Yaru, and Peng Li	
6 Dental Caries: Disease Burden Versus Its Prevention	91
Hong Xiao	
7 Clinical Management of Dental Caries	107
Li Jiyao	
8 Dental Caries and Systemic Diseases	129
Zou Ling and Hu Tao	
9 Models in Caries Research	157
Huang Xuelian, Guo Qiang, Ren Biao, Li Yuqing, and Zhou Xuedong	
Index	175