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A unique guide to improved oral health

Erosive Tooth Wear
From Diagnosis to Therapy

Editors:
A. Lussi
C. Ganss

Erosive tooth wear is a multifactorial condition of growing concern to the clinician and the subject of extensive research. Since the publication of the first edition of the book with the title Dental Erosion, new knowledge for a better understanding of this important subject has been gathered. The new and more detailed insights resulted in this second, extended publication. It presents a broad spectrum of views, from the molecular level to behavioural aspects, as well as trends in society. In particular, the issues concerning chemical and biological factors as well as dental erosion in children are discussed. This book is a valuable and indispensable guide to better oral health and is highly recommended to faculty members, researchers, dental students, practitioners and other dental professionals.

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Caries Research

Aims and Scope
Caries Research is an international journal, the aim of which is to promote research in dental caries and related fields through the publication of original research and the critical evaluation of research findings. The journal will publish papers on the etiology, pathogenesis, prevention and clinical control or management of dental caries. Papers on health outcomes related to dental caries are also of interest, as are papers on other disorders of dental hard tissues, such as dental erosion. Aspects of caries beyond the stage where the pulp ceases to be vital are outside the scope of the journal. The journal reviews papers dealing with natural products and other bacterial inhibitors that meet specific criteria, details of which are available from the Editor.

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Author and Subject Index
Health professionals are more and more aware of the importance of saliva for oral health and well-being. As saliva secretion is steadily compromised with advancing age, it becomes a factor of concern in societies with an aging population, especially with a growing number of people who keep their own teeth. The numerous functions of saliva, like antimicrobial activity, lubrication, wound healing and its role in taste experience are only truly recognized when saliva secretion is hampered. In medical diagnostics, saliva shows its value as a safe and economical alternative to blood. This publication provides a comprehensive overview of the latest developments in salivary research by some of the world’s leading experts in the field. Chapters deal with various aspects: anatomy and physiology, e.g. regeneration of salivary glands, saliva functions, e.g. its protective and rheological properties, and diagnostics and disorders, e.g. xerostomia and hypersalivation.

This book is not only recommended to basic scientists working in the field of oral biology, but also to dental students, dentists and health professionals who want to know more about one of the most underestimated bodily fluids.
Periodontal Disease

Editors
Denis F. Kinane
Andrea Mombelli

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Our understanding of the etiopathology of periodontal disease has changed greatly over the last decade. The huge diversity of species within the microbial biofilm and the enormous multilayered complexity of the innate, inflammatory and adaptive immune responses generated in response to it warrant study and discussion. Comprising reviews from renowned experts in the field, this book presents a comprehensible overview of this exciting and pertinent subject matter. It provides new insights into the structure and composition of subgingival biofilms and the nature of the extracellular matrix. Further, a summary of current understanding of subgingival microbial diversity and an overview of experimental models used to dissect the functional characteristics of subgingival communities are presented. Other articles discuss the innate cellular and neutrophil responses to the periodontal biofilm. The role of antimicrobial peptides in the host response to biofilm bacteria and modern approaches to nonsurgical biofilm management are also discussed. Finally, this volume addresses advances in antibiotic use and proposes a paradigm shift in the pharmacological approach to periodontal disease management.

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