

Special Issue

Dental Caries across the Adulthood Lifespan: Research and Clinical Practice

Message from the Guest Editor

Recent research advances have enabled a better understanding of the complexity of dental biofilms (dental plaque) and their importance regarding balance in the etiopathology of dental caries. As result, dental caries is nowadays understood as a behavior-mediated biofilm disease. In parallel, the developments in materials and technologies (such as adhesive dentistry and digital dentistry) have also contributed to establishing the novel concepts of cariology and minimally invasive dentistry. However, how to translate and implement all of those concepts into our daily clinical practice remains a challenge. Very importantly, personalized dental caries management in geriatric and special needs populations also deserve further attention. In the research field, very little is known about the interaction of cariogenic biofilms with the organic components of dental tissues, or about the role of the immune system in dental caries progression. Our hope is that this Special Issue will support us in implementing evidence-based changes into our daily clinical practice as well as introducing us to new caries-related research strategies and possibilities.

Guest Editor

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Message from the Editor-in-Chief

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