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Behaviour of dental Material in Oral Environment

Guest Editor:

**Prof. Dr. Neamat Hassan
Abubakr**

Department of Biomedical
Sciences, School of Dental
Medicine, University of Nevada,
Las Vegas, NV 89106, USA

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Message from the Guest Editor

Dear Colleagues,

Restorative dental material behavior in the oral cavity is often affected by numerous factors that can lead to early failure or dissatisfaction of the patient. Dental material behavior is influenced by the unique combination of an elaborate oral environment and functionally demanding occlusal loads, which make it one of the most challenging outcomes to evaluate. Continuous changes in the oral environment may have a negative impact on the performance of restorative dental materials, which is mainly related to biodegradation and deteriorate. Chemical degradation depends on an acidic diet or the softening effect of food-simulating liquids. The effects of chemical degradation usually lead to surface softening and roughening, which can decrease the long-term durability of the restorations.

Assoc. Prof. Neamat Hassan Abubakr
Guest Editor



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Special Issue



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Prof. Dr. Claude Jaquiéry

Department for Cranio-Maxillo-Facial Surgery, University Hospital Basel, Spitalstrasse 21, CH-4031 Basel, Switzerland

Message from the Editor-in-Chief

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Dentistry Journal Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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