

Special Issue

Dental Application and Surface

Message from the Guest Editor

Advances in the fields of biomaterials, biomedical engineering, and new technologies continue to have a huge impact on patient care in almost all disciplines of dentistry, biomaterials, and technologies. This Special Issue welcomes high-quality original research and review articles in the area of dentistry. The particular focus of submissions should encompass translational and clinical studies related to applied science from prevention aspects to treatment of oral and craniofacial defects, missing teeth, or dental tissues in oral diseases and orthodontics where biomaterials or digital technologies are used. Whilst this could potentially be harmful, e.g., if cytotoxic elements are released, it may alternatively provide a route to the preferential release of beneficial substances. A considerable amount of current research activity is targeted at the development of coatings or surface treatments to encourage tissue growth. If this is to be achieved by stimulating enhanced cell productivity, determination of the relationship between cell function and surface composition is essential.

Guest Editor

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About the Journal

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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