

Special Issue

Polymeric Adhesives for Biomedical Applications

Message from the Guest Editor

Polymeric biomaterials have been extensively developed for various biomedical applications such as drug delivery and tissue engineering due to their ability to interact with biological systems. However, it has been difficult to attach the biomaterials on the target tissue surfaces due to a large amount of water in our bodies. Over the past several decades, there have been numerous attempts to develop adhesive polymer-based biomaterials that instantly adhere to the target tissue. Polymeric adhesives have an enormous potential to enhance the therapeutic effects of various medical treatments.

This Special Issue of Applied Sciences, entitled “Polymeric Adhesives for Biomedical Applications”, will overview recent progress in the development of adhesive polymeric biomaterials with a broad range of design strategies, syntheses, preparations, structures, characteristics, mechanisms, and applications in biomedical fields. Original research articles, reviews, and perspective articles are welcome.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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