Special Issue

Recent Advances in Bioadhesives for Tissue Repair

Message from the Guest Editors

Medical professionals remain reliant upon sutures for wound closure. Despite advances in suture design, this ancient technology has significant disadvantages for effective tissue repair. In response, the development and subsequent commercial application of surgical adhesives continue to increase in popularity. Surgical adhesives are now used as standard in many medical procedures. Numerous studies show that not only do surgical adhesives effect wound closure but help to seal wounds, reduce infection and scar tissue, and enhance functional tissue regeneration. This Special Issue is devoted to surgical adhesives developed from biological components. While all submissions relating to bioadhesives will be considered, we particularly welcome those that report their application in vivo.

Guest Editors

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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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