

Special Issue

Prospects of Hydrogels in Wound Healing

Message from the Guest Editors

Healing chronic wounds is a painful and difficult long-term process, with risks and great burden for patients. Fortunately, modern wound dressing solutions create easier healing options with many more advantages compared to traditional dressings (better absorption, antibacterial properties, insulation, etc.). In recent years, there has been significant progress in the development of hydrogels as advanced wound dressings. By incorporating bioactive compounds, improving mechanical properties, and creating stimuli-responsive systems, hydrogels have the potential to revolutionize wound care by promoting faster healing, reducing infections, and enhancing patient comfort. In conclusion, we dedicate this Special Issue to all innovative studies of hydrogels as wound dressings in the pharmaceutical field.

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