

Special Issue

Electrospraying and Electrospinning of Live Cells

Message from the Guest Editors

An important challenge in the fabrication of tissue-engineered constructs for regenerative medical applications is the development of processes capable of delivering cells and biomaterials to specific locations in a consistent manner. Electrospaying and electrospinning of live cells have been introduced recently as cell seeding methods. Early evidence suggests that electrospaying and electrospinning techniques can be used to seed cells evenly in the fabrication of fibers, and in some cases, cell differentiation has occurred. In this Special Issue, we are focusing on the electrospaying and electrospinning of live cells no matter whether the cells differentiate or keep their identity.

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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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