

Special Issue

Recent Advances and Techniques for the Vascularization of Tissue Engineering Constructs

Message from the Guest Editors

Vascularization is a critical step when engineering functional tissue constructs. To ensure adequate perfusion of thick engineered tissues after transplantation is essential to allow not only their survival but also their intended function and, ultimately, integration with the host tissue. Many strategies have been put forward to overcome this problem. In vitro prevascularization is by far the most explored strategy but issues related with cell sourcing and potential regression of the prevascular network remain. This collection intends to bring into view the latest developments related with vascularization in the Tissue Engineering field. Research articles, review articles as well as communications are invited.

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