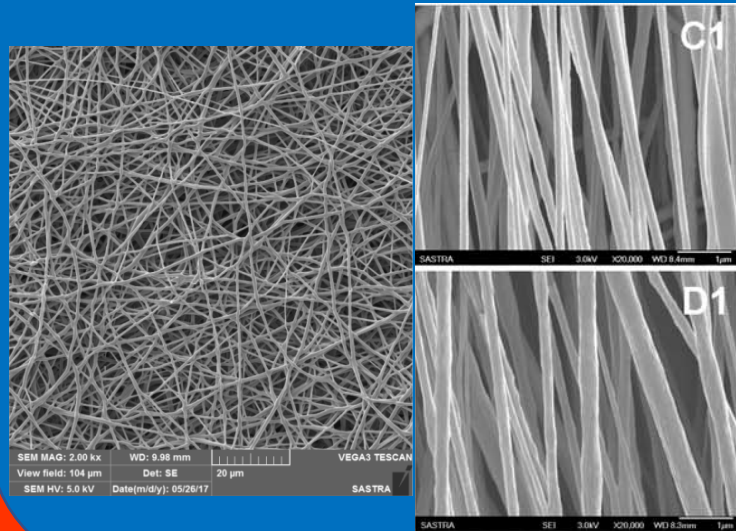


Research Focus: Development of biomimetic materials for additive manufacturing & 3D bioprinting of multiscale tissue constructs for regenerative medicine applications

3D Bioprinting of Cell Responsive Hydrogels



Electrospun Scaffolds

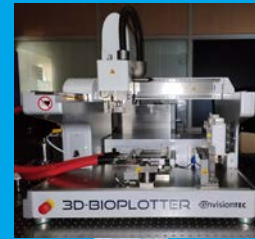


Biomimetic Bone Implants

Ceramic paste loaded in syringe



Printing of complex designs using 3D Bioplotter



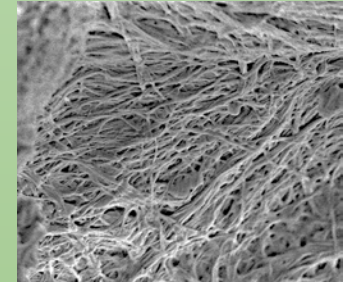
Sintering at appropriate conditions



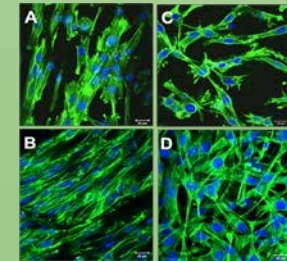
Scaffolds with mechanical properties similar to native bone

Chemically Defined Biomaterials

Self-assembling Peptides



Myoblast Differentiation



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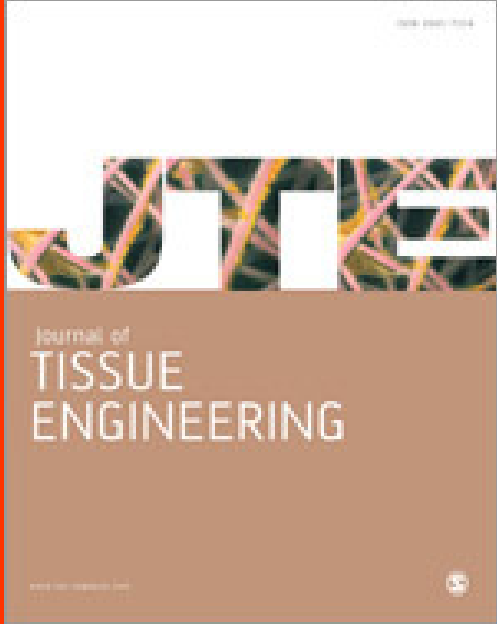
We have recently published in:



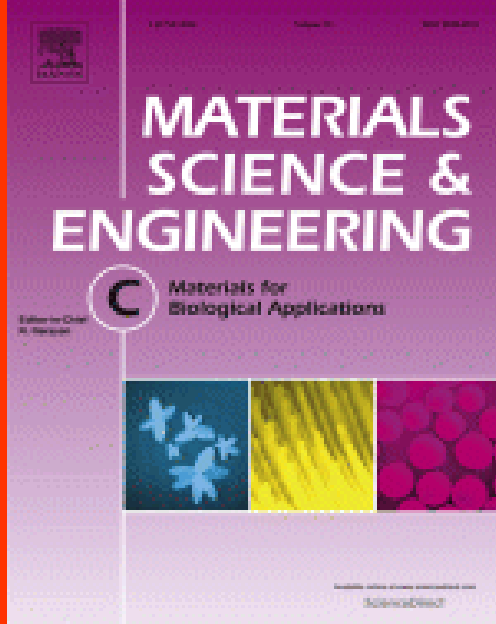
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