



Implantable Materials for Drug Delivery in Tissue Regeneration

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Message from the Guest Editors

The incorporation of new technologies into the field of regenerative medicine over the past few decades has led to the production of new biomaterials tailor-made to fulfill the patient's needs. Ideally, these biomaterials must be completely degradable under the physiological conditions leading to the repair of the damaged tissue, maintaining the desired structure. The integration of therapeutic molecules into biomaterials can provide extra value to implantable systems. The use of biomaterials loaded with drugs—either for the transfer of drugs in situ or for the promotion of a specific cellular microenvironment—has been suggested as an interesting strategy to treat different pathologies, avoid surgical complications derived from the implantation of materials, and/or promote the regeneration of tissues.





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