

Special Issue

Extracellular Matrix in Wound Healing

Message from the Guest Editors

The derivation of tissue specific extracellular matrix scaffolds (ECM-scaffolds) represent an exciting approach to biomaterial design since it relies on the natural design and composition of the tissue of interest. The special issue will focus on mechanistic studies looking at:

- Derivation of tissue specific ECM scaffolds with an emphasis on mechanistic reasons for the enhanced tissue response
- Compositional analysis and comparisons of ECM scaffolds
- Use of ECM-scaffolds to create *in vitro* testing platforms
- Role of tissue specificity on stem cell differentiation *in vitro*
- Role of tissue specificity on host tissue response
- ECM-scaffold directed stem cell differentiation
- Mechanism for macrophage polarization *in vitro* and *in vivo*
- Mechanisms for scar tissue inhibition

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2019)



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Editor-in-Chief

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