Stanford

Ni Su

Postdoctoral Scholar, Orthopedic Surgery

Bio

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

Publications

PUBLICATIONS

- **Aspirin synergizes with mineral particle-coated macroporous scaffolds for bone regeneration through immunomodulation.** *Theranostics*
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- **Stem Cell Membrane-coated Microribbon Scaffolds Induce Regenerative Innate and Adaptive Immune Responses in a Critical-Size Cranial Bone Defect Model.** *Advanced materials (Deerfield Beach, Fla.)*
  Su, N., Villicana, C., Barati, D., Freeman, P., Luo, Y., Yang, F.
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- **Differential dynamics of bone graft transplantation and mesenchymal stem cell therapy during bone defect healing in a murine critical size defect.** *Journal of orthopaedic translation*
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- **Immunomodulatory strategies for bone regeneration: A review from the perspective of disease types.** *Biomaterials*
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- **Endothelial cell membrane-based biosurface for targeted delivery to acute injury: analysis of leukocyte-mediated nanoparticle transportation** *NANOSCALE*
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- **Mesenchymal stromal exosome-functionalized scaffolds induce innate and adaptive immunomodulatory responses toward tissue repair.** *Science advances*
  Su, N., Hao, Y., Wang, F., Hou, W., Chen, H., Luo, Y.
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- **Membrane-Binding Adhesive Particulates Enhance the Viability and Paracrine Function of Mesenchymal Cells for Cell-Based Therapy** *BIOMACROMOLECULES*
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- **Fibrous scaffolds potentiate the paracrine function of mesenchymal stem cells: A new dimension in cell-material interaction** *BIOMATERIALS*
  Su, N., Gao, P., Wang, K., Wang, J., Zhong, Y., Luo, Y.
  2017; 141: 74-85

- **Overcoming foreign-body reaction through nanotopography: Biocompatibility and immunoisolation properties of a nanofibrous membrane** *BIOMATERIALS*

  Wang, K., Hou, W., Wang, X., Han, C., Vuletic, I., Su, N., Zhang, W., Ren, Q., Chen, L., Luo, Y.

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