

Stanford



Ni Su

Postdoctoral Scholar, Orthopedic Surgery

Bio

INSTITUTE AFFILIATIONS

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

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Peking University (2018)
- Doctor of Philosophy, Georgia Institute of Technology (2018)

Publications

PUBLICATIONS

- **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*
Su, N., Villicana, C., Yang, F.
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- **Endothelial cell membrane-based biosurface for targeted delivery to acute injury: analysis of leukocyte-mediated nanoparticle transportation** *NANOSCALE*
Wang, F., Hou, W., Xiao, C., Hao, Y., Su, N., Deng, Y., Wang, J., Yu, L., Xie, J., Xiong, J., Luo, Y.
2021; 13 (35): 14636-14643
- **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*
Su, N., Jiang, L., Wang, X., Gao, P., Zhou, J., Wang, C., Luo, Y.
2019; 20 (2): 1007-1017
- **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.

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- **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.

2016; 102: 249-258