SEMINAR: Bone repair materials research and clinical applications in orthopedics

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Research field: 3D printed bone repair scaffolds (such as titanium alloys, poly-etheretherketone (PEEK) and polylactic acid (PLA)), surface functionalization modification of bone repair materials, and functionalized nanomaterials.

Member of the Youth Editorial committee, Special Guest Contributor and Reviewer of Metal World, as well as Reviewer of Biomedical Materials, Journal of Biomaterials, International Journal of Materials Science and Applications.

Holding 1 youth project of the National Natural Science Foundation of China and 1 project of Tangdu Hospital's "Attracting Talents" program. Participating in 1 general project of the National Natural Science Foundation of China. Co-authoring 3 monographs, authorizing 2 national invention patents in China, and publishing 20 articles on Bioactive Materials, Chemical Engineering Journal, Advanced Healthcare Materials, ACS Nano, Biofabrication, Materials & Design, Journal of Materials Chemistry B among others.