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Interface of Aging and Biomaterials II

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Message from the Guest Editor

Over the past several decades, remarkable progress in medicine and public health has enabled the achievement of significant extensions in life, leading to an increasingly elderly population. The loss of tissue function with aging is one of the most immutable, and most costly, challenges in modern medicine. While this challenge may be daunting, researchers and clinicians have a growing set of tools provided by biomedical sciences. With the development of new pharmaceutical screening techniques, drug delivery systems, biomaterials, and engineered tissues, discovery and clinical translation can occur faster than ever before. Unfortunately, many of these developments are not targeted specifically to aging, may not account for the unique challenges and opportunities of aging research, and may not be broadly disseminated to the aging community. The intent of this Special Issue is to highlight the latest advances in biomaterials and biomolecules as applied in the context of aging.













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