Angiopoietin-1 peptide QHREDGS promotes osteoblast differentiation, bone matrix deposition and mineralization on biomedical materials

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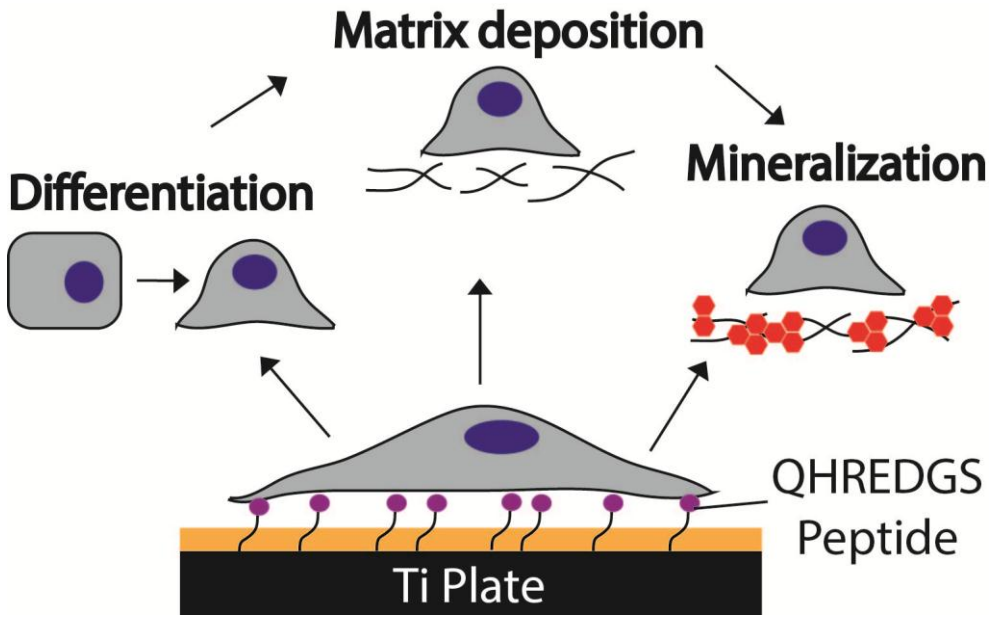

QHREDGS upregulates osteogenic genes, and promotes osteogenesis more effectively than RGDS when immobilized to titanium medical devices or biomaterials.