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Synthesis and characterization of nanocrystalline composites containing calcium hydroxyapatite and glycine

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Abstract

Composites of hydroxyapatite (HA) with glycine (Gly), designed for bone repair, were prepared and thoroughly characterized using various physicochemical methods (PXRD, TEM, EDXMA, FT-IR and UV-spectrophotometry). It was proved that the *de novo* synthesis of HA in the presence of Gly is capable of introducing the amino acid into the

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