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Powders with Average Particle Diameters of 150nm; Microstructure of Hydroxyapatite Thick Film; Molecularly Dispersed Hydroxyapatite Polymer Nanocomposites; Interactions between Ceramics and Biological Environments; Effects of Organic Molecules In Kokubo's Simulated Body Fluid on Apatite Formation on Bioactive Glass and Titanium Substrates; Hydroxy-Carbonate Apatite Synthesis, Blood Compatibility and Adsorption of Specific Pathogenic Proteins
In Vitro Stability Predictions of Osteoblast Interaction with Hydroxyapatite and - Tricalcium Phosphate
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Sommario/riassunto

The content from these proceedings comes from a symposium honoring Larry Hench, a pioneer in the field of bioceramics. Prof. Hench has condensed his Sosman Lecture into the keynote paper of this volume. In addition, this proceedings draws together research in the different aspects of bioceramics and illustrates its unifying themes. Apatites and active bone substitute materials are well represented, with extended analyses of processing effects and variations in making these materials more functional. Included in this volume are a series of papers on interactions between ceramics and biological
