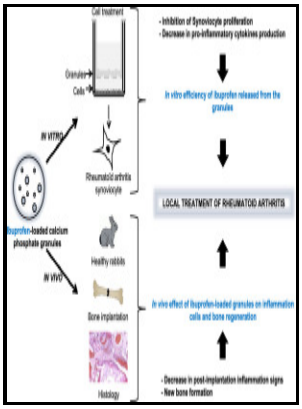
Observations of multinucleate giant cell reactions to calcium phosphate biomaterials

University of Birmingham - Bone tissue engineering via nanostructured calcium phosphate biomaterials and stem cells



Description: -
-Observations of multinucleate giant cell reactions to calcium phosphate biomaterials
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Notes: Thesis (M.Sc.) - University of Birmingham, Department of Anatomy, 1992.
This edition was published in 1991

Tags: #Polyhydroxyalkanoates #(PHA): #From #production #to #nanoarchitecture

Polyhydroxyalkanoates (PHA): From production to nanoarchitecture

The HA and β-TCP may interfere with the repair and regeneration of injured skeletal muscle after orthopedic surgery. Cells Tissues Organs 2009; 189: 20—24.

Potential of mesenchymal stem cell in stabilization of abdominal aortic aneurysm sac

Another adaptative process of crystals in biology concerns the recent development of calcium phosphate ceramics and other related biomaterials for bone graft. Bone tissue engineering and regeneration: from discovery to the clinic—an overview. They can bind with serum proteins that facilitate cell attachment and subsequent formation of apatite on the implant surfaces.

Potential of mesenchymal stem cell in stabilization of abdominal aortic aneurysm sac

No bone formation was observed for TCP-B.

Effects of calcium phosphate bioceramics on skeletal muscle cells — Taipei Medical University

The nano-apatite surfaces favorably supported proliferation of these MSCs. Orthop Clin North Am 2010; 41: 15—26. Still other reviews focused on nanofibers, nanoparticles and multiple applications in regenerative medicine e.

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