

DAVID PAGLIA, PhD (Post Doctorate)



Research

Evaluating adjuncts to accelerate bone fracture healing
Mechanical modeling of bone

Education

UMDNJ, NJ - Ph.D. Biomedical Engineering Joint Program, June 2011
New Jersey Institute of Technology, NJ - M.S. Biomedical Engineering, January 2008
Manhattan College, NY - B.S. Mechanical Engineering, May 2006

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Main Publications

Paglia D, Mason K, Breitbart E, Vaidya S, Graves DT, O'Connor JP, Lin SS
"Effects of diabetes on bone homeostasis, regeneration and the role of insulin in bone".
US Musculoskeletal Review. 6(1). (2011).

Paglia D, Mehta S, Mason K, Breitbart E, Wey A, Park A, Vaidya S, Verma R, Graves DT, O'Connor JP, Lin SS
"Diabetes affects fracture healing at cellular level".
Lower Extremity Review. (2010). November 2010.

Graves DT, Alblowi J, Paglia D, O'Connor JP, Lin SS.
"Impact of Diabetes on Fracture Healing".
Journal of Experimental and Clinical Medicine (2011). 3(1): 3-8

Dedania J, Borzio R, Paglia D, Breitbart EA, Mitchell A, Vaidya S, Wey A, Mehta S, Benevenia J, O'Connor JP, Lin SS.
"Role of local insulin augmentation upon allograft incorporation in a rat femoral defect model".
(2011). J Orthop Res. 29(1): 92-99