

Home

Award Recipients

2007 Phase 2 Early Career Awards in Translational Research

1 of 3 9/6/2009 12:26 PM

Career Awardee: Edward Boyden

Clinical CO-Investigator: Michael Gorin

Institution: Massachusetts Institute of Technology

Project Title: Direct Optical Neural Silencing: A New Strategy for

Treating Blindness

Career Awardee: Utkan Demirci

Clinical CO-Investigator: Robert Falk Institution: Harvard University -- MIT

Project Title: Electrical Sensors for Rare Cell Populations in Whole Blood

Career Awardee: Ayman El-Baz

Institution: University of Louisville

Project Title: Novel Image Analysis Framework for Early Diagnosis of

Lung Cancer

Career Awardee: Julie Hasenwinkel

Clinical CO-Investigator: Amir Fayyazi

Institution: Syracuse University

Project Title: Novel Two-Solution Based Bone Cements for

Vertebroplasty and Kyphoplasty

Career Awardee: Pedro Irazoqui

Clinical CO-Investigator: Robert Worth

Institution: Purdue University

Project Title: A Hermetic Biocompatible Ceramic Package for Neural

Prostheses

Career Awardee: Ho-Wook Jun

Clinical CO-Investigator: Brigitta Brott

Institution: University of Alabama at Birmingham

Project Title: Biomimetic Nano Matrix for Drug Eluting Stent Application

Career Awardee: Yunzhi Yang

Clinical CO-Investigator: Milan Sen

Institution: University of Tennessee, Memphis

Project Title: Optimizing Bone Regeneration with Load-Bearing and

Osteoinductive Functionally Graded Biomimetic Scaffolds

Career Awardee: Xiaojun Yu

Clinical CO-Investigator: Cato Laurencin Institution: Stevens Institute of Technology

Project Title: Novel Structured Nanofibrous Scaffolds for Bone Healing

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3 of 3