



Award Recipients

2007 Early Career Awards in Translational Research

▶ Wallace H. Coulter

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Partnership Award

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▶ Career Awardee: Edward Boyden

Clinical CO-Investigator: Eric Leuthardt
Institution: Massachusetts Institute of Technology
Project Title: Direct Optical Neural Silencing: A New Strategy for Treating Brain Disorders

▶ Career Awardee: Utkan Demirci

Clinical CO-Investigator: Daniel Kuritzkes
Institution: Harvard University -- MIT
Project Title: Electrical Sensors for Rare Cell Populations in Whole Blood

▶ Career Awardee: Daniel Kamei

Clinical CO-Investigator: William Weiss
Institution: University of California, Los Angeles
Project Title: Engineering Intracellular Trafficking Pathways of Transferrin-Drug Conjugates for Treatment of Malignant Gliomas

▶ Career Awardee: Chang Lu

Clinical CO-Investigator: Kenneth Cornetta
Institution: Purdue University
Project Title: Fluidic Electroporation Devices for Large Quantity Genetic Modification of Cells

▶ Career Awardee: Owen McCarty

Clinical CO-Investigator: Jonathan Lindner
Institution: Oregon Health & Science University
Project Title: Contrast-enhanced ultrasound imaging of atherosclerosis Using Glycoprotein Ib-microbubbles

▶ Career Awardee: Jessica Ramella-Roman

Clinical CO-Investigator: Quan Nguyen
Institution: Catholic University of America
Project Title: Retinal Oximeter Using Novel Multi-aperture Camera for Assessment of Early Signs of Diabetic Retinopathy

▶ Career Awardee: Gabriel Silva

Clinical CO-Investigator: William Freeman
Institution: University of California, San Diego
Project Title: Clinical Management of Age Related Macular Degeneration Using a Control Release Nanoengineered Drug Delivery System

▶ Career Awardee: Chun Wang

Clinical CO-Investigator: William Gillanders
Institution: University of Minnesota
Project Title: Translational Development of Novel Biodegradable Polymer Platform for Genetic Vaccine Delivery

▶ Career Awardee: Yunzhi Yang

Clinical CO-Investigator: Robert Heck
Institution: University of Tennessee, Memphis
Project Title: Study of a Biomimetic Porous Scaffolds with High Mechanical Strength

▶ **Career Awardee: Jesse Yen**

Clinical CO-Investigator: Edward Grant
Institution: University of Southern California
Project Title: Ultrasound Transducers for Near-Field 3-D Imaging

▶ **Career Awardee: Jeffrey Zahn**

Clinical CO-Investigator: Akif Undar
Institution: Rutgers University
Project Title: Microfluidic Dialysis Platforms for Monitoring Cardiopulmonary Bypass Systemic Inflammation

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