

**CTSA T1 Pilot Grants FY2014: Awards**

<b>Title</b>	<b>PI</b>	<b>PI Institution</b>	<b>PI Department/Division</b>	<b>Co-Is</b>	<b>Co-Is' Institutions</b>	<b>Co-I Department/Division</b>	<b>Type</b>
Taking the IRC MR Engineering core from "good to best"	Dumoulin, Charles	CCHMC	Imaging Research Center				2nd year Funding - Core
Novel Scaleable Vector Production Systems Development Core	Van der Loo, Johannes	CCHMC	Experimental Hematology and Cancer Biology	Cross, Scott	CCHMC	Experimental Hematology and Cancer Biology	Core
Erythrocyte Cytoskeleton Disorders Diagnostic Core	Kalfa, Theodosia	CCHMC	Hematology	Malik, Punam Grassman, Elke Zhang, Kejian	CCHMC CCHMC CCHMC	Experimental Hematology and Cancer Biology Experimental Hematology and Cancer Biology Human Genetics	Core
Toward a Clinical Diagnosis of Auditory Nerve Survival	Earl, Brian	UC	Audiology	Valencia, Gloria	UC	Audiology	JR
A Novel ROS-activated Therapeutic Modality for AML	Merino, Edward	UC	Chemistry	Mulloy, James	CCHMC	Experimental Hematology and Cancer Biology	JR
Riluzole for Drug Refractory Irritability in Autistic Disorder: A Placebo-Controlled Pilot Study Incorporating a Novel Translational Biomarker As-	Wink, Logan	CCHMC	Child and Adolescent Psychiatry	Erickson, Craig	CCHMC	Child and Adolescent Psychiatry	JR
Metalloproteins in Stroke Diagnosis	Adeoye, Opeolu	UC	Emergency Medicine	Caruso, Joseph	UC	Chemistry	T1
Circulating mutant DNA to monitor brain tumor dynamics	Bahassi, El Mustapha	UC	Hematology/ Oncology	Warnick, Ronald	UC	Neurosurgery	T1
Imaging Dopamine Receptors in Breast Cancer: A Preclinical Mouse Model	Ben-Jonathan, Nira	UC	Cancer Biology	Mahoney, Mary Gelfand, Michael	UC Health CCHMC	Breast Imaging Nuclear Medicine	T1
Preclinical development of CD163 activation as a biological therapy in anemia	Cancelas, Jose	CCHMC	Experimental Hematology and Cancer Biology				T1

Engineering a Faster and Quieter NICU MR scanner	Dumoulin, Charles	CCHMC	Radiology	Tkach, Jean	CCHMC	Radiology	T1
De novo Mutations in Disseminated Staphylococcal Osteomyelitis	Hostetter, Margaret	CCHMC	Infectious Diseases	Harley, John	CCHMC	Rheumatology	T1
Studies of Mechanisms of Renal Pathologies in Sickle Cell Disease	Punam, Malik	CCHMC	Experimental Hematology and Cancer Biology				T1
Role of Hemostatic System Components in AML Pathogenesis	Palumbo, Joseph	CCHMC	Hematology	Mulloy, James	CCHMC	Experimental Hematology and Cancer Biology	T1
Reducing Tunneled Dialysis Catheter Dysfunction through Nitric Oxide Release	Roy-Chaudhury, Prabir	UC	Nephrology	Meyerhof, Mark Mitsnefes, Mark	U of Mich CCHMC	Nephrology Nephrology	T1
A Novel Protein Complex System as a Universal Platform for Multivalent Vaccine Development	Tan, Ming	CCHMC	Infectious Diseases	Xi, Jiang	CCHMC	Infectious Diseases	T1