

**National Center for Research Resources**  
**High-End Instrumentation Grants Cumulative Award List for Fiscal Years 2002- 2008**  
**By State, Institution, Institution Type, Grant Number**

Grant Number	Investigator	FY	Project Title	Amt Awarded
<b>Alabama</b>				
<b>Institution</b>	<b>University of Alabama at Birmingham</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017261-01	Barnes, Stephen	2002	9.4 Tesla Fourier Transform Mass Spectrometer	\$1,511,150
S10RR019948-01	Chaplin, David D	2005	Acquisition of a 200 kV Cryo-Electron Microscope	\$552,865
<b>University of Alabama at Birmingham Totals: 2 Awards for</b>				<b>\$2,064,015</b>
<b>Alabama Totals: 2 Awards for</b>				<b>\$2,064,015</b>
<b>Arizona</b>				
<b>Institution</b>	<b>Arizona State University</b>			
<b>Type of Institution</b>	<b>Other Academic</b>			
S10RR019945-01	Jung, Ranu	2005	Pharmascan 70/16 In-Vivo Spectroscopy/Imaging System	\$1,309,550
<b>Arizona State University Totals: 1 Award for</b>				<b>\$1,309,550</b>
<b>Institution</b>	<b>Translational Genomics Research Institute</b>			
<b>Type of Institution</b>	<b>Other Research Organization</b>			
S10RR025056-01	Suh, Edward B	2008	Highly Parallel Supercomputing for Translational Research	\$1,996,810
<b>Translational Genomics Research Institute Totals: 1 Award for</b>				<b>\$1,996,810</b>
<b>Institution</b>	<b>University of Arizona</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR023029-01	Wysocki, Vicki H	2007	Acquisition of a Linear Trap-Fourier Transform Mass Spectrometer	\$924,995
<b>University of Arizona University Totals: 1 Award for</b>				<b>\$924,995</b>
<b>Arizona Totals: 3 Awards for</b>				<b>\$4,231,355</b>

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<b>California</b>				
<b>Institution</b>	<b>Burnham Institute for Medical Research</b>			
<b>Type of Institution</b>	<b>Other Research Organization</b>			
S10RR022981-01	Pellecchia, Maurizio	2007	NMR spectroscopy instrumentation for probing intermolecular interactions	\$1,444,784
<b>Burnham Institute for Medical Research Totals: 1 Award for</b>				<b>\$1,444,784</b>
<b>Institution</b>	<b>Northern California Institute Res &amp; Educ</b>			
<b>Type of Institution</b>	<b>Other Research Organization</b>			
S10RR017238-01	Weiner, Michael W	2002	Varian 4 Tesla Mri/Mrs For Neuro-Degenerative Diseases	\$2,000,000
<b>Northern California Institute Res &amp; Educ Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Institution</b>	<b>Stanford University</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017289-01	McMahan, Uel J	2002	High Resolution Em For Structural Biology	\$1,964,282
S10RR019887-01	Moseley, Michael E	2004	High Field Ge Experimental Mr Scanner	\$2,000,000
S10RR022982-01	Ronaghi, Mostafa	2006	High-Throughput Sequencing by Pyrosequencing	\$543,750
<b>Stanford University Totals: 3 Awards for</b>				<b>\$4,508,032</b>
<b>Institution</b>	<b>University Of California-Lawrence Berkeley Lab</b>			
<b>Type of Institution</b>	<b>Other Academic</b>			
S10RR017286-01	Tomsia, Antoni P	2003	Environmental Field Emission Analytical Sem	\$762,450
<b>University Of California-Lawrence Berkeley Lab Totals: 1 Award for</b>				<b>\$762,450</b>
<b>Institution</b>	<b>University Of California Los Angeles</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR023045-01	Loo, Joseph A	2006	High Resolution Hybrid FT-ICR Mass Spectrometer	\$1,244,841
S10RR023057-01	Zhou, Z Hong	2006	High-End CryoEM Instrument for the UCLA Electron Imaging Center for Nanomachines	\$1,600,000
<b>University Of California Los Angeles Totals: 2 Awards for</b>				<b>\$2,844,841</b>
<b>Institution</b>	<b>University Of California San Diego</b>			
<b>Type of Institution</b>	<b>Other Academic</b>			
S10RR020016-01	Baker, Timothy S	2004	Transmission Electron Microscope	\$2,000,000
S10RR019897-01	Komives, Elizabeth A.	2005	Acquisition Of An Maldi ToF-ToF Mass Spectrometer	\$758,095
S10RR023026-01	Ellisman, Mark H	2007	A Replacement 300 Kv IVEM for Meso-scale 3D Data Acquisition at the NCMIR	\$2,000,000
<b>University Of California San Diego Totals: 3 Awards for</b>				<b>\$4,758,095</b>
<b>Institution</b>	<b>University Of California San Francisco</b>			
<b>Type of Institution</b>	<b>School of Pharmacy</b>			
S10RR019934-01	Burlingame, Alma L	2004	Purchase Of Ltq Ft-Icr Hybrid Mass Spectrometer	\$1,013,965
S10RR023013-01	Kurhanewicz, John	2007	High Field NMR System for Metabolic Imaging of Human Disease	\$1,801,980
S10RR023051-01	Vanbrocklin, Henry F.	2007	MicroPET/CT for Small Animal Imaging	\$1,277,085
<b>University Of California San Francisco Totals: 3 Award for</b>				<b>\$4,093,030</b>

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<b>Institution</b> University Of California Santa Barbara				
<b>Type of Institution</b> School of Medicine				
S10RR019899-01A1	Dahlquist, Frederick W	2006	Purchase of an 800 MHz NMR Spectrometer	\$2,000,000
<b>University Of California Santa Barbara Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Institution</b> University Of California Santa Cruz				
<b>Type of Institution</b> Other Academic				
S10RR019918-01	Crews, Phillip O	2004	Acquisition Of A Varian 600 Mhz High-Resolution Nmr	\$271,601
<b>University Of California Santa Cruz Totals: 1 Award for</b>				<b>\$271,601</b>
<b>Institution</b> University Of Southern California				
<b>Type of Institution</b> School of Medicine				
S10RR019942-01	Pohost, Gerald M	2005	3t Mr Imaging/Spectrometer For Heart And Brain Research	\$2,000,000
<b>University Of Southern California Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>California Totals: 17 Awards for</b>				<b>\$24,682,833</b>
<b>Colorado</b>				
<b>Institution</b> University Of Colorado Denver/HSC Aurora				
<b>Type of Institution</b> School of Medicine				
S10RR017203-01	Reite, Martin L.	2002	Whole-Head Meg System For Brain Research	\$1,999,971
S10RR023015-01	Hansen, Kirk C	2007	LTQ FT-ICR Hybrid Mass Spectrometer Purchase	\$1,067,480
<b>University Of Colorado Denver/HSC Aurora Totals: 2 Awards for</b>				<b>\$3,067,451</b>
<b>Colorado Totals: 2 Awards for</b>				<b>\$3,067,451</b>
<b>Connecticut</b>				
<b>Institution</b> Yale University				
<b>Type of Institution</b> School of Medicine				
S10RR017266-01	Williams, Kenneth R	2002	Ftacr Mass Spectrometer	\$1,403,494
S10RR017266-01S1	Williams, Kenneth R	2003	FTICR Mass Spectrometer	\$55,506
S10RR019895-01	Williams, Kenneth R	2004	Yale Biomedical Supercomputer	\$1,603,827
S10RR023073-01	Rothman, Douglas L	2006	Acquisition of a 7T human MR system for the development of ultra high resolution	\$2,000,000
S10RR023004-01	Mane, Shrikant M	2007	GeneChip Automation and MegAllele System for Microarray Analysis at Yale Univ.	\$1,054,868
<b>Yale University Totals: 5 Awards for</b>				<b>\$6,117,695</b>
<b>Institution</b> University Of Connecticut Sch Of Med/Dnt				
<b>Type of Institution</b> School of Medicine				
S10RR023041-01	Hoch, Jeffrey C	2007	An Open-access 800 MHz NMR Spectrometer for Central New England	\$2,000,000
<b>University Of Connecticut Sch Of Med/Dnt Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Connecticut Totals: 6 Awards for</b>				<b>\$8,117,695</b>

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<b>Florida</b>				
<b>Institution</b>	<b>Florida State University</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR025080-01	Taylor, Kenneth A	2008	Purchase of a FEI Titan Krios for 3-D EM	\$2,000,000
<b>University Of Colorado Denver/HSC Aurora Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Florida Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Illinois</b>				
<b>Institution</b>	<b>Evanston Northwestern Healthcare</b>			
<b>Type of Institution</b>	<b>Hospital</b>			
S10RR019920-01	Wyrwicz, Alice M	2004	9.4TESLA/310mm MR Imaging And Spectroscopy System	\$2,000,000
<b>Evanston Northwestern Healthcare Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Institution</b>	<b>Northwestern University</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR025092-01	Russin, William A	2008	JEM-3200FS Field Emission Electron Microscope	\$1,900,000
S10RR023030-01A1	Li, Debiao	2008	7T MRI Scanner for Small Animal Imaging	\$2,000,000
<b>Northwestern University Totals: 2 Award for</b>				<b>\$3,900,000</b>
<b>Institution</b>	<b>University Of Chicago</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017245-01	Moffat, John K	2002	Large Area, Fast Readout, CCD Detector	\$1,252,800
S10RR023014-01	Gao, Jia-Hong	2007	3T MRI Scanner for High Resolution MRI/MRS Research	\$2,000,000
<b>University Of Chicago Totals: 2 Award for</b>				<b>\$3,252,800</b>
<b>Institution</b>	<b>University Of Illinois Urbana-Champaign</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR025037-01	Rienstra, Chad M	2008	High-Field, Wide-Bore Solid-State NMR Spectrometer for Membrane Protein Structure	\$1,936,449
<b>University Of Illinois Urbana-Champaign Totals: 1 Award for</b>				<b>\$1,936,449</b>
<b>Illinois Totals: 6 Awards for</b>				<b>\$11,089,249</b>

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<b>Indiana</b>				
<b>Institution</b>	<b>Indiana University-Purdue University At Indianapolis</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR025033-01	Walczak, Claire E	2008	Acquisition of a High-throughput Confocal Imaging System	\$927,375
<b>Indiana University-Purdue University At Indianapolis Totals: 1 Award</b>				<b>\$927,375</b>
<b>Institution</b>	<b>Purdue University</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR023011-01	Rossmann, Michael G	2006	An Electron Microscope for the study of Complex Biological Assemblies	\$2,000,000
<b>Purdue University Totals: 1 Award</b>				<b>\$2,000,000</b>
<b>Indiana Totals: 2 Award for</b>				<b>\$2,927,375</b>
<b>Iowa</b>				
<b>Institution</b>	<b>University of Iowa</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR019912-01	Stolpen, Alan H	2005	Three Tesla Whole Body Mri	\$2,000,000
<b>University of Iowa Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Iowa Totals: 1 Award for</b>				<b>\$2,000,000</b>

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<b>Maryland</b>				
<b>Institution</b>	<b>Johns Hopkins University</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR023025-01	Cotter, Robert J.	2007	Purchase of a Linear Ion Trap/Fourier Transform Mass Spectrometer	\$928,365
1S10RR025053-01	Winslow, Raimond L	2008	Large-Scale Compute Cluster for the Institute for Computational Medicine	\$2,000,000
<b>Johns Hopkins University Totals: 2 Awards for</b>				<b>\$2,928,365</b>
<b>Institution</b>	<b>Kennedy Krieger Research Institute, Inc.</b>			
<b>Type of Institution</b>	<b>Other Research Organization</b>			
S10RR019927-01	Van Zijl, Peter Cm	2005	7 Tesla Whole-Body MRI Scanner	\$2,000,000
<b>Kennedy Krieger Research Institute, Inc. Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Institution</b>	<b>University Of Maryland Baltimore County</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR023037-01	Fabris, Daniele	2006	A hybrid 12T Q-FTMS for the investigation of nucleic acids non-cov./cov.adducts	\$1,515,000
<b>University Of Maryland Balt Prof School Campus Totals: 1 Award for</b>				<b>\$1,515,000</b>
<b>Institution</b>	<b>University Of Maryland Balt Prof School</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR019935-01	Gullapalli, Rao P	2005	High-Field Animal Magnetic Resonance Imaging System	\$1,978,000
<b>University Of Maryland Balt Prof School Campus Totals: 1 Award for</b>				<b>\$1,978,000</b>
<b>Institution</b>	<b>University Of Maryland Biotechnology Institute</b>			
<b>Type of Institution</b>	<b>Other Research Organization</b>			
S10RR023028-01	Lederer, William Jonathan	2007	Confocal High Speed Imaging System	\$737,850
<b>University Of Maryland Balt Prof School Campus Totals: 1 Award for</b>				<b>\$737,850</b>
<b>Maryland Totals: 6 Awards for</b>				<b>\$9,159,215</b>

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<b>Massachusetts</b>				
<b>Institution</b>	<b>Beth Israel Deaconess Medical Center</b>			
<b>Type of Institution</b>	<b>Hospital</b>			
S10RR023010-01	Frangioni, John V	2006	FLEX TM microPET/SPECT/CT to Support Cancer Research at Harvard Medical School	\$938,175
<b>Beth Israel Deaconess Medical Center Totals: 1 Award for</b>				<b>\$938,175</b>
<b>Institution</b>	<b>Brandeis University</b>			
<b>Type of Institution</b>	<b>Other Academic</b>			
S10RR017269-01	Pochapsky, Thomas C	2003	An 800 MHZ-NMR Spectrometer for the Boston Area	\$2,000,000
<b>Brandeis University Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Institution</b>	<b>Brigham And Women's Hospital</b>			
<b>Type of Institution</b>	<b>Hospital</b>			
S10RR019902-01A1	Jolesz, Ferenc A	2007	Intraoperative 3T MRI Scanner for Minimally Invasive Therapy	\$2,000,000
S10RR025116-01	Lechene, Claude P	2008	NanoSIMS 50L Ion Micro-Analyzer	\$2,000,000
<b>Brigham And Women's Hospital Totals: 2 Award for</b>				<b>\$4,000,000</b>
<b>Institution</b>	<b>Harvard University (Medical School)</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017224-01	Moore, Stephen C	2002	Spect Scanner For Molecular Biology And Imaging Research	\$880,432
S10RR019929-01	Harrison, Stephen C	2005	Electron Microscope	\$1,296,959
<b>Harvard University (Medical School) Totals: 2 Awards for</b>				<b>\$2,177,391</b>
<b>Institution</b>	<b>Immune Disease Institute, Inc.</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
1S10RR025090-01	Springer, Timothy A	2008	Pulsed EPR Spectrometer	\$952,390
<b>Immune Disease Institute, Inc. Totals: 1 Award for</b>				<b>\$952,390</b>
<b>Institution</b>	<b>Massachusetts General Hospital</b>			
<b>Type of Institution</b>	<b>Hospital</b>			
S10RR023043-01	Sorenson, Alma Gregory	2006	Silicon Graphics Prism Extreme 128P/1TB	\$1,510,934
S10RR023009-01	Ackerman, Jerome L	2006	15T Ultrahigh Field Horizontal MR Microscope for Mouse Imaging	\$2,000,000
S10RR022976-01	Jenkins, Bruce G	2007	Combined MRI/PET Imager for Simultaneous Acquisition of PET/MRI Data	\$2,000,000
<b>Massachusetts General Hospital Totals: 3 Awards for</b>				<b>\$5,510,934</b>
<b>Institution</b>	<b>Univ Of Massachusetts Med Sch Worcester</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR023066-01	Hnatowich, Donald J	2007	PET/SPECT/CT Camera for Small Animal Imaging at UMMS	\$870,000
<b>Univ Of Massachusetts Med Sch Worcester Totals: 1 Award for</b>				<b>\$870,000</b>
<b>Massachusetts Totals: 11 Awards for</b>				<b>\$16,448,890</b>

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<b>Michigan</b>				
<b>Institution</b>	<b>University Of Michigan At Ann Arbor</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR022974-01	Noll, Douglas C	2007	Small Bore 7T Magnetic Resonance Instrument	\$1,900,000
<b>University Of Michigan At Ann Arbor Totals: 1 Award for</b>				<b>\$1,900,000</b>
<b>Institution</b>	<b>Wayne State University</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR023061-01	Haacke, E Mark	2007	Evaluation of New Imaging Methodologies at 7T	\$1,990,000
<b>Wayne State University Totals: 1 Award for</b>				<b>\$1,990,000</b>
<b>Michigan Totals: 2 Awards for</b>				<b>\$3,890,000</b>
<b>Minnesota</b>				
<b>Institution</b>	<b>University Of Minnesota Twin Cities</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017234-01	Mayo, Kevin H.	2003	32 processor SGI Onyx 3800 w/64 GB memory and 1 TB disk	\$917,973
S10RR017240-01	Ugurbil, Kamil	2003	9.4T/ 65cm BORE MR SYSTEM	\$1,500,000
1S10RR025031-01	Garwood, Michael G	2008	Ultra High Field (16.4 Tesla) Animal MRI/MRS System	\$2,000,000
1S10RR025064-01	Ohlendorf, Douglas H	2008	High-Throughput Nanoloter Crystallization Facility	\$1,229,450
<b>University Of Minnesota Twin Cities Totals: 4 Awards for</b>				<b>\$5,647,423</b>
<b>Minnesota Totals: 4 Awards for</b>				<b>\$5,647,423</b>
<b>Missouri</b>				
<b>Institution</b>	<b>Washington University</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017226-01	Ackerman, Joseph J	2002	Small Animal 11.75 Tesla Magnetic Resonance Scanner	\$2,000,000
S10RR017264-01	Gross, Michael L	2003	Development and Biological Applications fo 9.4-T FTMS	\$500,000
S10RR017206-01A1	Mintun, Mark A.	2005	The Purchase of a Combined PET CT Scanner	\$2,000,000
1S10RR025101-01	Gross, Michael L	2008	High Field Fourier Transform Mass Spectrometer for Biomedical Applications	\$1,879,719
<b>Washington University Totals: 4 Awards for</b>				<b>\$6,379,719</b>
<b>Missouri Totals: 4 Awards for</b>				<b>\$6,379,719</b>
<b>New Hampshire</b>				
<b>Institution</b>	<b>Dartmouth College</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR019886-01	Spielberg, Stephen P	2004	Neuroimaging Research Center: High Field Facility	2,000,000
<b>Dartmouth College Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>New Hampshire Totals: 1 Award for</b>				<b>\$2,000,000</b>



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<b>New Jersey</b>				
<b>Institution</b>	<b>Univ Of Med/Dent Of NJ-NJ Medical School</b>			
<b>Type of Institution</b>	<b>Other Academic</b>			
S10RR019928-01	Montelione, Gaetano T	2004	Acquisition Of 800 MHZ NMR System With Cryogenic Probe	\$760,000
<b>Univ Of Med/Dent Of NJ-NJ Medical School Totals: 1 Award for</b>				<b>\$760,000</b>
<b>New Jersey Totals: 1 Award for</b>				<b>\$760,000</b>
<b>New York</b>				
<b>Institution</b>	<b>Cold Spring Harbor Laboratory</b>			
<b>Type of Institution</b>	<b>Other Research Organization</b>			
S10RR019958-01	Townsend, R M	2005	High Performance Computing Cluster	\$1,985,558
<b>Cold Spring Harbor Laboratory Totals: 1 Award for</b>				<b>\$1,985,558</b>
<b>Institution</b>	<b>Columbia University Health Sciences</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017430-01	Brenner, David Jonathan	2003	High Stability Accelerator For Sub-Cellular Microbeam	\$2,000,000
<b>Columbia University Health Sciences Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Institution</b>	<b>Nathan S. Kline Institute For Psych Res</b>			
<b>Type of Institution</b>	<b>Other Research Organization</b>			
S10RR022972-01	Branch, Craig A	2007	3.0 Tesla MRI for Psychiatric Applications	\$2,000,000
<b>Nathan S. Kline Institute For Psych Res Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Institution</b>	<b>New York Structural Biology Center</b>			
<b>Type of Institution</b>	<b>Other Research Organization</b>			
S10RR017291-01	Stokes, David L	2002	300 Kv Electron Microscope For Structural Biology	\$2,000,001
<b>New York Structural Biology Center Totals: 1 Award for</b>				<b>\$2,000,001</b>
<b>Institution</b>	<b>New York University School Of Medicine</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017193-01	Helpern, Joseph A.	2003	A High Field (7t) Whole Body Mr Research System	\$2,000,000
<b>New York University School Of Medicine Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Institution</b>	<b>Sloan-Kettering Institute For Cancer Res</b>			
<b>Type of Institution</b>	<b>Other Research Organization</b>			
S10RR019937-01	Finn, Ronald D	2004	Eclipse Rd Cyclotron	\$1,825,000
<b>Sloan-Kettering Institute For Cancer Res Totals: 1 Award for</b>				<b>\$1,825,000</b>
<b>Institution</b>	<b>State University New York Stony Brook</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
1S10RR025072-01	Iden, Charles R	2008	Acquisition of a Thermo Scientific Orbitrap XL Hybrid FT Mass Spectrometer	\$850,874
<b>State University New York Stony Brook Totals: 1 Award for</b>				<b>\$850,874</b>

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<b>Institution Weill Medical College Of Cornell Univ</b>				
<b>Type of Institution School of Medicine</b>				
S10RR023020-01	Ballon, Douglas J	2007	Small Animal 7.0 Tesla Magnetic Resonance Imaging and Spectroscopy System	\$2,000,000
<b>Weill Medical College Of Cornell Univ Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Institution Yeshiva University</b>				
<b>Type of Institution School of Medicine</b>				
S10RR019891-01	Angeletti, Ruth Hogue	2004	Ft-Icr Mass Spectrometer	\$1,666,783
S10RR020949-01A1	Spray, David C	2006	Luminescence Imaging: Molecules, Cells And Tissues	\$215,258
<b>Yeshiva University: 2 Award for</b>				<b>\$1,882,041</b>
<b>New York Totals: 10 Awards for</b>				<b>\$16,543,474</b>
<b>North Carolina</b>				
<b>Institution Duke University</b>				
<b>Type of Institution School of Medicine</b>				
S10RR017223-01	Stenger, Judith E.	2003	Sun Microsystems Sun Fire 6800 Server Supercomputer	\$1,158,043
<b>Duke University Totals: 1 Award for</b>				<b>\$1,158,043</b>
<b>Institution University Of North Carolina Chapel Hill</b>				
<b>Type of Institution School of Medicine</b>				
S10RR017212-01	Lin, Weili	2003	3 Tesla Magnetic Resonance Imaging Scanner	\$1,500,000
S10RR019889-01	Borchers, Christoph H	2005	Acquisition-Ultra-High Resolution Mass Spectrometer	\$1,000,000
S10RR019924-01	Lin, Weili	2005	9.4 Tesla Small Animal Magnetic Resonance Scanner	\$2,000,000
S10RR023069-01	Taylor, Russell M	2007	Supercomputer Instrumentation for Biomedical Image Analysis and Simulation	\$1,988,494
1S10RR025050-01	Lin, Weili	2008	Siemens Tim Trio 3T Whole Body MR Scanner	\$2,000,000
<b>University Of North Carolina Chapel Hill Totals: 5 Awards for</b>				<b>\$8,488,494</b>
<b>North Carolina Totals: 6 Awards for</b>				<b>\$9,646,537</b>

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<b>Ohio</b>				
<b>Institution</b>	<b>Case Western Reserve University</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017275-01	Qin, Jun	2003	Ultra High Field 900 Mhz NMR Spectrometer	\$1,500,000
<b>Case Western Reserve University Totals: 1 Award for</b>				<b>\$1,500,000</b>
<b>Institution</b>	<b>Children's Hospital Medical Center</b>			
<b>Type of Institution</b>	<b>Hospital</b>			
S10RR017211-01	Holland, Scott K.	2002	7T MRI Scanner For Small Animals/Developmental Disorders	\$1,595,001
<b>Children's Hospital Medical Center Totals: 1 Award for</b>				<b>\$1,595,001</b>
<b>Institution</b>	<b>University Hospitals of Cleveland</b>			
<b>Type of Institution</b>	<b>Hospital</b>			
S10RR017209-01	Lewin, Jonathan S	2002	4.7 T Small Animal MR Imaging And Spectroscopy System	\$1,325,000
<b>University Hospitals of Cleveland Totals: 1 Award for</b>				<b>\$1,325,000</b>
<b>Institution</b>	<b>University Of Cincinnati</b>			
<b>Type of Institution</b>	<b>Other Academic</b>			
S10RR019900-01	Limbach, Patrick A	2005	Hybrid Transform Mass Spectrometer For Proteomics	\$918,973
<b>University Of Cincinnati Totals: 1 Award for</b>				<b>\$918,973</b>
<b>Ohio Totals: 4 Awards for</b>				<b>\$5,338,974</b>
<b>Pennsylvania</b>				
<b>Institution</b>	<b>Mellon Pitts Corporation (MPC Corp)</b>			
<b>Type of Institution</b>	<b>Other Academic</b>			
S10RR017191-01	Roskies, Ralph Z	2002	Very Large Shared Memory Supercomputer	\$1,345,821
<b>Mellon Pitts Corporation (MPC Corp) Totals: 1 Award for</b>				<b>\$1,345,821</b>
<b>Institution</b>	<b>University Of Pennsylvania</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR019939-01	Blair, Ian A	2004	Fourier Transform Mass Spec Proteomics And Genomics	\$771,572
S10RR019950-01	Landis, J R	2004	NCRR - High End Instrumentation (HEI)	\$612,652
S10RR022977-01	Reddy, Ravinder	2006	Whole-body 7 Tesla Magnetic Resonance Imaging System	\$2,000,000
1S10RR025076-01	Divgi, Chaitanya R.	2008	Cyclotron for biomedical research	\$2,000,000
<b>University Of Pennsylvania Totals: 4 Awards for</b>				<b>\$5,384,224</b>
<b>Institution</b>	<b>University Of Pittsburgh At Pittsburgh</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017239-01	Kim, Seong-Gi	2002	9.4 T/31 Cm Bore MR Instrument	\$2,000,000
S10RR019907-01	Boada, Fernando E	2004	High Field Whole Body MRI Scanner For Multi-Nuclear MRI	\$2,000,000
1S10RR024705-01A1	Mathis, Chester A	2008	PET Insert for MAGNETOM Trio	\$2,000,000
<b>University Of Pittsburgh At Pittsburgh Totals: 3 Awards for</b>				<b>\$6,000,000</b>
<b>Pennsylvania Totals: 8 Awards for</b>				<b>\$12,730,045</b>

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<b>Tennessee</b>				
<b>Institution</b>	<b>Vanderbilt University</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017292-01	Stewart, Phoebe L	2003	Acquisition Of A Liquid Helium Cryo-Electron Microscope	\$2,000,000
S10RR017210-01A1	Moore, Jason H.	2004	Parallel Computer	\$1,526,201
S10RR020066-01	Avison, Malcolm J	2004	High Field MRI/MRS System For Non-Human Primates	\$2,000,000
S10RR023047-01	Gore, John C	2007	7 Tesla Human Magnetic Resonance Imaging and Spectroscopy System	\$2,000,000
1S10RR025141-01	Roden, Dan M	2008	Automated Storage and Retrieval of Biological Systems	\$988,312
<b>Vanderbilt University Totals: 5 Awards for</b>				<b>\$8,514,513</b>
<b>Tennessee Totals: 5 Awards for</b>				<b>\$8,514,513</b>
<b>Texas</b>				
<b>Institution</b>	<b>Baylor College Of Medicine</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017287-01	Chiu, Wah	2002	High Resolution Electron Cryomicroscope	\$2,000,000
<b>Baylor College Of Medicine Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Institution</b>	<b>University Of Texas Austin</b>			
<b>Type of Institution</b>	<b>Other Academic</b>			
S10RR017263-01	Moini, Mehdi	2003	Fourier Transform Ion Cyclotron Resonance Mass Spect.	\$1,329,000
<b>University Of Texas Austin Totals: 1 Award for</b>				<b>\$1,329,000</b>
<b>Institution</b>	<b>University Of Texas Hlth Sci Ctr Houston</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017205-01	Narayana, Ponnada A	2003	High Field MRI Scanner For Animal Studies	\$1,575,000
<b>University Of Texas Hlth Sci Ctr Houston Totals: 1 Award for</b>				<b>\$1,575,000</b>
<b>Institution</b>	<b>University Of Texas Hlth Sci Ctr San Ant</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017198-01	Gao, Jia-Hong	2002	High Field (3 T) MRI Scanner At San Antonio, Texas	\$1,600,000
S10RR017198-01S1	Gao, Jia-Hong	2003	High Field (3 T) MRI Scanner At San Antonio, Texas	\$200,000
S10RR023038-01	Davis, Michael Duff	2007	A High-Field (7T) MRI System for Translational Imaging Research	\$1,950,000
<b>University Of Texas Hlth Sci Ctr San Ant Totals: 3 Awards for</b>				<b>\$1,800,000</b>
<b>Institution</b>	<b>University Of Texas Sw Med Ctr/Dallas</b>			
<b>Type of Institution</b>	<b>Other Academic</b>			
S10RR017270-01	Rizo-Rey, Jose	2002	800 Mhz NMR SPECTROMETER	\$2,000,000
<b>University Of Texas Sw Med Ctr/Dallas Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Texas Totals: 7 Awards for</b>				<b>\$10,654,000</b>

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<b>Utah</b>				
<b>Institution</b>	<b>University Of Utah</b>			
<b>Type of Institution</b>	<b>Other Academic</b>			
S10RR017214-01	Facelli, Julio C	2002	Proteins to Population:A metacluster for Bioinformatics	\$1,531,008
			<b>1 Award for</b>	<b>\$1,531,008</b>
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR023017-01	Hsu, Edward W	2006	Utah Small Animal MRI Research Resource	\$1,709,320
			<b>1 Award for</b>	<b>\$1,709,320</b>
			<b>University Of Utah Totals: 2 Award2 for</b>	<b>\$1,709,320</b>
			<b>Utah Totals: 2 Awards for</b>	<b>\$3,240,328</b>
<b>Virginia</b>				
<b>Institution</b>	<b>University Of Virginia Charlottesville</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR019911-01	Berr, Stuart S	2005	9.4 Tesla MR Scanner For Murine Imaging	\$1,980,000
S10RR023035-01	Bushweller, John H	2006	800 MHz NMR Spectrometer for High-End NMR Structural Studies	\$2,000,000
1S10RR025087-01	Berr, Stuart S	2008	IBA Cyclone 18/9 Cyclotron	\$1,992,300
			<b>University Of Virginia Charlottesville Totals: 3 Awards for</b>	<b>\$5,972,300</b>
			<b>Virginia Totals: 3 Awards for</b>	<b>\$5,972,300</b>
<b>Washington</b>				
<b>Institution</b>	<b>Institute for Systems Biology</b>			
<b>Type of Institution</b>	<b>Other Research Organization</b>			
S10RR017262-01	Goodlett, David Robinson	2003	Fourier transform-ion cyclotron-resonance mass spec	\$782,028
			<b>Institute for Systems Biology Totals: 1 Award for</b>	<b>\$782,028</b>
<b>Institution</b>	<b>University Of Washington</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017229-01	Krohn, Kenneth A.	2002	Cyclotron for PET Isotope Production	\$1,632,000
S10RR023044-01	Goodlett, David Robinson	2006	Multi-Tiered Proteomic Compute Cluster	\$500,000
S10RR023065-01	Robinson, Bruce H	2007	Electron Paramagnetic Resonance (EPR)/Q-Band ENDOR Spectrometer	\$1,040,735
			<b>University Of Washington Totals: 3 Awards for</b>	<b>\$3,172,735</b>
<b>Institution</b>	<b>Washington State University</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
1S10RR025107-01	Bruce, James Edward	2008	An LC-FTICR Mass Spectrometer for Proteomics and Metabolomics Research	\$989,825
			<b>Washington State University Totals: 1 Award for</b>	<b>\$989,825</b>
			<b>Washington Totals: 5 Awards for</b>	<b>\$4,944,588</b>

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<b>Wisconsin</b>				
<b>Institution</b>	<b>Medical College Of Wisconsin</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR017215-01	Hyde, James S	2003	3T Whole-Body MRI Scanner For Functional Imaging	\$2,000,000
<b>Medical College Of Wisconsin Totals: 1 Award for</b>				<b>\$2,000,000</b>
<b>Institution</b>	<b>University of Wisconsin Madison</b>			
<b>Type of Institution</b>	<b>School of Medicine</b>			
S10RR023033-01	Deluca, Paul M	2007	A Device for PET Tracer Development and Production	\$1,499,745
1S10RR025062-01	Markley, John L	2008	Integrated state-of-the-art LC-MS/NMR system for the University of Wisconsin	\$1,665,930
<b>University of Wisconsin Madison Totals: 3 Award for</b>				<b>\$3,165,675</b>
<b>Wisconsin Totals: 3 Awards for</b>				<b>\$5,165,675</b>