

**MLSC 2003 FULL PROPOSALS RECEIVED**

<b>Project No.</b>	<b>Program Director Name</b>	<b>Organization name</b>	<b>City</b>	<b>County</b>	<b>State</b>	<b>Proposal Title</b>	<b>Category</b>
476	Gafni, Ari	The University of Michigan	Ann Arbor	Washtenaw	MI	Molecular origin of the attenuated stress response in the old: Studies at the single molecule level	I
483	Tepe, Jetze	Michigan State University	East Lansing	Ingham	MI	New techniques in phosphoproteomics	I
498	Dantus, Marcos	Michigan State University	East Lansing	Ingham	MI	Femtosecond laser desorption and phase-modulated ionization: The basis for a novel approach to proteomics	I
500	Zervos, Marcus	William Beaumont Hospital	Royal Oak	Oakland	MI	Establishment of the Core Clinical Investigation Center	I
502	Meiners, Jens-Christian	The Regents of The University of Michigan	Ann Arbor	Washtenaw	MI	Microfluidic single-molecule sensor to detect aging signals from a single cell	I
512	Galloway, Matthew	Wayne State University	Detroit	Wayne	MI	Center for Excellence in MDMA research	I
522	Young, Vincent	Michigan State Univeristy	East Lansing	Ingham	MI	Perturbation of the microbiota of the human gut by antibiotics	I
530	Gulari, Erdogan	University of Michigan	Michigan	Washtenaw	MI	Integrated microarray reactor for rapid synthesis of large genes	I
531	Williams, David	The Regents of the University of Michigan	Ann Arbor	Washtenaw	MI	Development of an electronic infrastructure for conducting clinical research	I
538	Tainsky, Michael	Wayne State University	Detroit	Wayne	MI	Assays for the early detection of cancer	I
548	Hudson, Alan	Wayne State University	Detroit	Wayne	MI	Shared molecular, biochemical, and immunologic aspects of host-pathogen interaction in chronic disease	I
552	Moore, Gregory	Wayne State University	Detroit	Wayne	MI	Neuroimaging biomarkers in depression: A research consortium for biologically based diagnosis and treatment of mental illness	I
566	Gangur, Venugopal	Michigan State University	East Lansing	Ingham	MI	Food allergy: Molecular mechanisms	I
575	Swaroop, Anand	Regents of the University of Michigan	Ann Arbor	Washtenaw	MI	Genetics and genomics of retinal aging and associated diseases	I
586	Galligan, James	Michigan State University	East Lansing	Ingham	MI	Improved detection of neurotransmitter release in health and disease	I
608	Wong, John	William Beaumont Hospital	Royal Oak	Oakland	MI	An image guided small animal radiation research platform	I
622	Logsdon, Craig	University of Michigan	Ann Arbor	Washtenaw	MI	Michigan Center for Pancreatic Cancer Molecular Diagnostics	I

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639	Dilley, David	Michigan State University	East Lansing	Ingham	MI	Genetic engineering of Aspergillus nidulans isopenicillin N synthase for biocarbonate-dependent penicillin N production	I
653	Posse, Stefan	Wayne State University	Detroit	Wayne	MI	Real-time functional neuroimaging of driver performance	I
657	Ofoli, Robert	Michigan State University	East Lansing	Ingham	MI	Biosensor array for detection of blood pressure regulating hormones	I
459	Zamorano, Lucia	Wayne State University	Detroit	Wayne	MI	Integration of bioengineering & biocomputing to advance Michigan computer-assisted surgery research	I
448	Singh, Gautam	FutureSoft Corporation	Rochester Hills	Oakland	MI	MAR-Wiz: Data mining software for S/MAR detection	II
455	Fox, David	Regents of the University of Michigan	Ann Arbor	Washtenaw	MI	Michigan Antibody Technology Core	II
468	Lopes, John	Microcide, Inc.	Troy	Oakland	MI	Development of non-antibiotic chemotherapeutic agent against H. pylori infections	II
472	Schmaier, Alvin	Thromgen, Inc.	Ann Arbor	Washtenaw	MI	Moving thrombostatin to human studies in cardiovascular disease	II
474	Schmaier, Alvin	Thromgen, Inc	Ann Arbor	Washtenaw	MI	Developing thrombostatin as an anti-cancer agent in prostate cancer	II
480	Wang, Hong	Wayne State University	Detroit	Wayne	MI	A smart anesthesia decision assistance system	II
503	Ma, Peter	University of Michigan	Ann Arbor	Washtenaw	MI	Animal experiments on 3D nano-fibrous matrices	II
509	LeCaptain, Dale	Central Michigan University	Mount Pleasant	Isabella	MI	Benign plasticizers for PVC in medical devices	II
521	Cunningham, Philip	Wayne State University	Detroit	Wayne	MI	A platform for the development of new anti-infectives	II
526	Shaw, Jiajiu	Unitech Pharmaceuticals, Inc.	Ann Arbor	Washtenaw	MI	An innovative in-vitro screening method and its application to the development of leflunomide analogue drug candidates	II
529	Nikolskaya, Tatiana	GeneGo, Inc.	New Buffalo	Berrien	MI	A platform technology for in silico reconstruction of disease states.	II
537	Kumar, Sai	MERS, LLC	Ann Arbor	Washtenaw	MI	A novel XCT-scannable 3-D dosimeter	II
543	Humes, David	University of Michigan	Ann Arbor	Washtenaw	MI	Adult kidney stem cell therapy for patients with end-stage renal disease	II

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564	Worzel, William	Genetics Squared, Inc.	Milan	Washtenaw	MI	Using the analytic learning system to define gene-based rules and biomarkers for the diagnosis of cancer	II
568	Massoud-Ansari, Sarah (Sonbol)	Integrated Sensing Systems, Inc. (ISSYS)	Ypsilanti	Washtenaw	MI	Commercialization of intelligent diagnostic cardiovascular catheters incorporating MEMS sensors	II
569	Najafi, Nader	Integrated Sensing Systems, Inc. (ISSYS)	Ypsilanti	Washtenaw	MI	Transforming the treatment of CHF with an implantable, batteryless hemodynamic monitor	II
578	Tiedje, James	Michigan State University	East Lansing	Ingham	MI	GeneScreen: A Low Cost and High Density DNA Biochip for Detecting up to 30,000 Microorganisms	II
580	Baker, James	The Regents of the University of Michigan	Ann Arbor	Washtenaw	MI	Polymer Platforms for Drug Delivery	II
585	Everson, Richard	Wayne State University	Detroit	Wayne	MI	Streamlining genomics for personalized medicine	II
607	Rosania, Gustavo	University of Michigan	Ann Arbor	Washtenaw	MI	Chemical libraries and target validation for post-genomic drug discovery	II
614	Serafin, Louis	Signal Medical Corporation	Port Huron	St. Clair	MI	The use of zirconia ceramics for arthroplasty of human joints	II
628	Kipke, Daryl	The Regents of the University of Michigan	Ann Arbor	Washtenaw	MI	Preparation of a novel neurovascular treatment material, ALGEL, for clinical studies	II
634	Wixom, Michael	T/J Technologies, Inc.	Ann Arbor, MI	Washtenaw	MI	Advanced power for implantable medical devices	II
645	Shaw, Jiajiu	Unitech Pharmaceuticals, Inc.	Ann Arbor	Washtenaw	MI	Dynamic platinum compounds as anticancer agents	II
652	Worzel, William	Genetics Squared, Inc	Milan	Washtenaw	MI	Using the analytic learning system to discover gene regulatory networks	II
471	Cary, Mary Sue	Grand Valley State University	Grand Rapids	Kent	MI	The Intellectual Property Seed Program	III
508	Jacquez, Nicholas	TerraSeer	Ann Arbor	Washtenaw	MI	Commercialization of TerraSeer data analysis technology	III
525	Kielb, Mark	DNA Software, Inc.	Ann Arbor	Washtenaw	MI	Commercializing software for microarray and advanced PCR assay design	III
533	Studer-Rabeler, Karen	Michigan BioSciences Industry Association	Ann Arbor	Washtenaw	MI	Professional Services Network	III
560	Leonard, Gregory	Altarum Institute	Ann Arbor	Washtenaw	MI	Cross disciplinary technical support to Michigan Life Sciences Corridor	III

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570	Ammann, Michael	Integrated Sensing Systems, Inc.	Ypsilanti	Washtenaw	MI	Accelerated commercialization of MEMS-based medical devices	III
579	Shirilla, Donna	Washtenaw Development Council	Ann Arbor	Washtenaw	MI	Ann Arbor area bio lab enabler	III
597	Hudson, Loraine	Michigan State University	East Lansing	Ingham	MI	Rational siting / push-pull accelerator	III
618	Reinhart, Fred	Wayne State University	Detroit	Wayne	MI	Michigan Universities Commercialization Initiative Incubator Liaison Enrichment (MUCI 3)	III
623	Stowers, Mark	MBI International	Lansing	Ingham	MI	Michigan Biomanufacturing Center	III
627	Kothari, Rajesh	Seneca Partners GP, LLC	Birmingham	Oakland	MI	Seneca Health Partners LP I - a healthcare venture capital fund	III
633	Mathes, Douglas	Madison Keats, LLC	Charlotte	Mecklenburg	NC	Madison Keats Michigan BioVenture Fund	III
638	Hampson, Brian	Aastrom Biosciences, Inc.	Ann Arbor	Washtenaw	MI	Clinical human cell production system for broad use	III
640	Landman, Joseph	Scalable Informatics LLC	Canton	Wayne	MI	Development and marketing of tools to enable scalable bioinformatics analysis workflow and computation	III
641	Motwani, Nalini	ApoLife, Inc.	Detroit	Wayne	MI	Marketing and Business Expansion of Small Scale production Services for Recombinant Proteins	III
658	Beyerlein, Fred	Rubicon Genomics, Inc.	Ann Arbor	Washtenaw	MI	Commercialization of Rubicon OmniPlex technology in human medicine	III
661	Grossenbach, Scott	SubTerra, LLC	White Pine	Ontonagon	MI	Construction of a plant biopharmaceutical production facility In Michigan	III
665	Gorzen, Daniel	X-Ray and Specialty Instruments Inc.	Ypsilanti	Washtenaw	MI	Production facility for proprietary x-ray irradiation technology used in the life science field.	III