Dr. Francis Collins Director National Institutes of Health 9000 Rockville Pike Bethesda, MD 20892

#### RE: SBIR Grants from NIH Recovery Act Stimulus Funding

Dear Dr. Collins:

The undersigned are nearly 300 leaders of small biotechnology and medical device companies, as well as organizations that support the progress of these firms in developing and commercializing biomedical innovations.

Last week President Obama visited your Bethesda campus to laud the fact that half of the NIH's \$10 billion in stimulus has already been awarded to researchers. Unfortunately, as of this writing, well under one percent (1%) of these funds has been awarded to small businesses, the very companies that are usually responsible for translating NIH research into medically useful products. We respectfully call on you to ensure that no less than 2.8% of the stimulus money be set aside for SBIR/STTR grantees, the same set aside typically required for the NIH extramural grants program. Our appeal echoes those of several congressional leaders.

We recognize that the Recovery Act legislation, unlike your annual appropriations, does not require NIH to set aside a specific percentage of ARRA funds to small businesses, instead leaving this to the discretion of the agency. Nevertheless, we do not believe the goal of the Recovery Act—long term, sustainable job creation—can be achieved merely by funding research by academia. Moreover, expanding the SBIR program will almost certainly be a necessary component of increasing NIH's commitment to translational research, one of your five priorities as director.

The recession has substantially reduced access to private investment capital for most biotech firms significantly curtailing their ability to move novel therapies and diagnostics into the healthcare marketplace. Companies are downsizing and suspending operations throughout the country.

Since the SBIR program was created by Congress in 1982 studies by the National Academies of Sciences and others have concluded that SBIR has been extremely effective in advancing the R&D missions of the agencies and in developing innovative technologies.

Last year a University of California study analyzed *R&D Magazine*'s top 100 innovations of the year over the last four decades. The study revealed a significant growth in recent years in the number of award winning inventions coming from small businesses with SBIR grants relative to those coming from Fortune 500 companies and universities. The authors concluded that "SBIR-nurtured firms consistently account for a quarter of all U.S. R&D 100

Award winners—a powerful indication that the SBIR program has become a "key force in the innovation economy of the United States."

That SBIR funded companies constituted a quarter of the award winning, high impact innovations while receiving a mere 2.8% of federal R&D grants strongly suggests that NIH should significantly <u>increase</u> not reduce the SBIR percentages from the stimulus package.

Increasing federal investments in biotech companies pays both immediate *and* long-term dividends for our economy. Upon receipt of these funds we immediately make new R&D hires and procure needed supplies and services in the same manner as university researchers. However, unlike university-based research, we launch new products and create *sustainable* job growth in diverse fields such as manufacturing, sales, marketing, etc. that continue for many years after the government funding has ended. Moreover, our SBIR grants are often further leveraged by new private investments that can boost the Federal economic stimulus. Small business fills an essential role in the health care "food chain" to deliver health care solutions to the public by translating the basic discoveries generated by universities into commercially viable products and services. NIH's failure to adequately support R&D in small biotechnology business during these difficult economic times will result in incalculable losses both to patients and our nation's health care system.

To reiterate, we strongly urge that no less that 2.8% of NIH's ARRA funding be reserved for small businesses. Thank you for your consideration of our views.

Respectfully submitted,

### <u>Alabama</u>

Walter A. Shaw, Ph.D., President Avanti Polar Lipids, Inc. 700 Industrial Park Drive Alabaster, AL 35007

## <u>Arizona</u>

Richard Kris, PhD Partner NuvoGen Research, LLC 1007 E. Lowell Tucson, AZ 85721 Steven D. Moore, Ph.D. CEO Science Approach 1611 North Wilmot Road, Suite 105A Tucson, AZ 85712

David Boninger, Ph.D. Three Rivers Holdings, LLC 1826 W. Broadway Rd. Suite 43 Mesa, AZ 85202

## **Arkansas**

Thomas Jakobs, P.E. InvoTek, Inc. 1026 Riverview Drive Alma, AR 72921

### California

Christopher J. White, PhD Chief Technology Officer Active Spectrum, Inc. 110 Glenn Way, Suite 15 San Carlos, CA 94070

Jean -Michel Lélias Managing Director Genofi, LLC 1030 Calle Cordillera, Suite 107 San Clemente, CA 92673, USA

Moshe Engelberg, Ph.D., M.P.H. President ResearchWorks, Inc. 11650 Iberia Place, Suite 115 San Diego, CA 92128

Michelle Stecklein Call CEO Lypro Biosciences, Inc 1236 Hawthorne Street Alameda, CA 94501

Dr. Robert O. Ryan Founder and Chief Scientific Officer Lypro Biosciences, Inc. 1236 Hawthorne Street Alameda, CA 94501

Christopher Alsten, PhD Executive VP Inner Health P.O. Box 9549 San Diego, CA 92169

Thomas J Smith MD CEO, Auritec Pharmaceuticals 1434 6th. St. Suite 3 Santa Monica CA 90401 Denise Higgins
President
Cytometry Research LLC
10451 Roselle Street #300
San Diego, CA 92121

Yuling Luo, Ph.D. Founder, President & CEO Advanced Cell Diagnostics, Inc. 26229 Eden Landing Road Hayward, CA 94545

David Schultz, Ph.D. Vice-President Seashell Technology, LLC 3252 Holiday Court #115 La Jolla, CA 92037

Alex Chenchik, Ph.D.
President & CEO
Cellecta, Inc.
320 Logue Avenue
Mountain View, CA 94043

Prof. Matthew Rabinowitz CEO Gene Security Network 2686 Middlefield Road, Suite C Redwood City, CA 94063

Robert Balint PhD Chief Executive Officer CytoDesign, Inc 4003 Scripps Avenue Palo Alto, CA 94306

Richard Nuccitelli Vice President BioElectroMed Corp. 849 Mitten Rd., Suite 105 Burlingame, CA 94010

David Larocca, PhD CEO Mandala Biosciences, LLC 6755 Mera Mesa Blvd Suite 123-187 San Diego, CA Richard E. Greenblatt, Ph.D. Scientist and President Source Signal Imaging, Inc. 2323 Broadway, #102 San Diego CA 92102 USA

Vicki Nienaber, Ph.D.
President and CSO
Zenobia Therapeutics, Inc.
505 Coast Blvd. South, Suite 111
La Jolla, CA 92130

Ilse Ortabasi, Ph.D. Owner Kinder Magic Software 1680 Meadowglen Lane Encinitas, CA 92024

Roger L. Kaspar, Ph.D Founder and CEO TransDerm 2161 Delaware Ave. Santa Cruz, CA 95060

Dr. David Johnson COO Gene Security Network 2686 Middlefield Road Redwood City, CA 94063

Robin M. Jackman, Ph.D. President & CEO Zacharon Pharmaceuticals 5626 Oberlin Drive San Diego, CA 92130

James W. Larrick MD PhD Managing Director Panorama Research Inc. 1230 Bordeaux Drive Sunnyvale, CA 94089

Jeng Her, PhD CEO Protevo Biotech, LLC 1230 Bordeaux Drive Sunnyvale, CA 94089 Jeffrey H. Price, MD, PhD Assistant Professor Burnham Institute for Medical Research 10901 North Torrey Pines Road La Jolla, CA 92037

Michael Houghton PhD Chief Scientific Officer, Epiphany Biosciences Inc., 1 California Street, Suite 2800, San Francisco, CA 94111

Glenda G Anderson CEO and founder 5 Degrees Biosciences, Inc. 2 N 1st Street, 2nd Floor San Jose, CA 95113

Robert Haushalter, Ph.D.
President and Founder
Parallel Synthesis Technologies, Inc.
3054 Lawrence Expwy.
Santa Clara CA 95051

Michael E. Smith, PhD, MBA President CorTechs Labs, Inc 1020 Prospect St, Suite 450 La Jolla, CA 92037

Andrew Mendelsohn, PhD Director Molecular Biology Panorama Research 1230 Bordeaux dr. Sunnyvale, CA 94089

Scott Hauge President Small Business California 2311 Taraval Street San Francisco, CA 94116

Douglas Paulson PhD
President and CTO
Tristan Technologies
6185 Cornerstone Court East, Suite 106
San Diego, CA 92121-4726

Martin Reese, PhD
President and CEO
Omicia Inc.
2200 Powell Street, Suite 525
Emeryville, CA 94608

Sergei A. Kazakov, Ph.D. Vice President for Discovery Research Somagenics, Inc. 2161 Delaware Avenue, Suite E Santa Cruz, CA 95060-5706

Farhad Daghighian, Ph.D.
President
Intra-Medical Imaging LLC
12340 Santa Monica Blvd. Suite # 227
Los Angeles, CA 90025

Kisholoy Goswami, Ph.D.
President and Chief Technology Officer
InnoSense LLC
2531 West 237th Street, Suite 127
Torrance, CA 90505

David J. Cuccia, PhD. CTO/Acting CEO Modulated Imaging Inc. 1002 Health Sciences Rd. Irvine, CA 92612

Kumar Subramanian CEO Phoenix Biosystem, Inc. 1061 Serpentine Ln, Suite A-1 Pleasanton, CA 94566

Linda Bussell Director, Research and Development Kinder Magic Software 1680 Meadowglen Lane Encinitas, CA 92024

Tom Ritter, PhD. MBA
Chief Operating Officer
Epicardial Technologies, Inc.
1210 Calle Toledo
San Clemente, CA 92672

Donovan B. Yeates, Ph.D. CEO
BiotechPlex Corporation
1205 Linda Vista Dr., Ste A
San Marcos, CA., 92078

Michael J. Finney, Ph.D. CEO Vaxart, Inc. 600 Townsend St,120E San Francisco, CA 94103

Chris Meda President, CEO Arcxis Biotechnologies 6920 Koll Center Parkway Suite 215/216 Pleasanton CA 94566

Tom Martin
Human Resource Trainer - Consultant
People Management Professionals LLC
11281 Swenson Street
Riverside CA 92505-2247

Jan S. Iwanczyk, Ph.D. President & CEO DxRay, Inc. 19355 Business Center Dr., Suite # 10 Northridge, CA 91324

Nima Shiva CEO Encode Bio, Inc. 1 W Mountain St Pasadena, CA 91103

Igor Katkov, Ph.D. Chief Scientific Officer and Owner CELLTRONIX 9263 Pebblestone Lane San Diego, CA 92126

Dr. Kal Ramnarayan, Ph.D. President & CSO Sapient Discovery 10929 Technology Place, Suite B San Diego, CA 92127 Scott Thacher, Ph.D.
CEO
Orphagen Pharmaceuticals
11494 Sorrento Valley Road
San Diego, CA 92110

W. Paul Brown, DDS,FICD,FACD Brown & Herbranson Imaging, Inc 875 Westridge Drive Portola Valley, CA 94028

Patrick A. Arensdorf
Executive Vice President and CFO
Tethys Bioscience, Inc.
5858 Horton Street, Suite 550
Emeryville, CA 94608

Robert M. Hoffman, Ph.D. President
AntiCancer, Inc.
7917 Ostrow Street
San Diego, CA 92111 USA

Mark W. Nowak, Ph.D. Vice President, Technology Development Encode Bio, Inc. 1 West Mountain, #10 Pasadena, CA

Elliott L. Fineman
President and CEO
Planet Biotechnology Inc.
25571 Clawiter Road
Hayward, CA 94545 USA

Jack A. Syage, PhD President and CEO Syagen Technology, Inc. 1411 Warner Avenue Tustin, CA 92780

### Colorado

John D. Wright Vice-President TDA Research, Inc. 12345 W. 52<sup>nd</sup> Ave Wheat Ridge, CO 80033

Daniel K. Davies Founder and President AbleLink Technologies, Inc. 618 N Nevada Ave Colorado Springs, CO 80903

Robert Wagner, PhD President & CEO Gene Check, Inc 1175 58th Ave. Suite 100 Greeley, CO 80634

Russ Farmer Executive VP and Chairman ADA Technologies, Inc. 8100 Shaffer Parkway, Suite 130 Littleton, CO 80127

Shannon Rodriguez
Director of Finance
InDevR, Inc.
2100 Central Avenue, Suite 106
Boulder, CO 80301

David A. DeLong Chief Executive Officer BioAMPS International, LLC 12635 East Montview Blvd., Suite 100 Aurora, CO 80045

Dr. Dale M. Willard Principal Investigator Advanced MicroLabs, LLC PO Box 272908 Fort Collins, CO 80527 Jonas A. Pologe President Kestrel Labs, Inc. 3133 Indian Rd., Suite K Boulder, CO 80301

Ted P. Delianides, Ph.D. Chief Operating Officer Kestrel Labs, Inc. 3133 Indian Rd Ste K Boulder CO 80301

### **Connecticut**

E. Edward Mena PhD President LifePharms Inc. 143 Shaw Street New London, CT 06320

Joseph M. Backer, Ph.D. Chief Executive Officer SibTech, Inc. 115A Commerce Drive Brookfield, CT 06804

### **Florida**

Joe Bagan Chief Executive Officer Sharklet Technologies, Inc. 13859 Progress Blvd. Suite 200 Alachua, FL. 32615

Susan B. Washer President and CEO Applied Genetic Technologies Corporation 11801 Research Drive, Suite D Alachua, FL 32615

Gary A. Ascani President and CEO Banyan Biomarkers, Inc. 12085 Research Drive Alachua, FL 32615 Andre P. Mauderli President Neuroanalytics Corporation 3700 NW 91st St, Suite C-200 Gainesville, FL 32606

Neil R. Euliano President Convergent Engineering 4817 SW 34th St. Suite 4 Gainesville, FL 32608

Dr. Deborah C. Mash President and Chief Scientific Officer IBOGEN Inc. 1501 NW 9th Avenue Miami, FL 33136

Leonard Pinchuk, Ph.D., D.Sc. President and CEO Innovia LLC and its Affiliated Companies 12415 SW 136 Avenue, Unit #3 Miami, FL 33186

John B. Rogers
President
EcoArray, Inc.
4949 SW 41st Blvd., Suite 50
Gainesville, FL 32608

# **District of Columbia**

Grady Watts
Senior VP
State of the Art, Inc.
2201 Wisconsin Avenue, NW, Suite 350
Washington, D.C. 20007

Jere Glover President Small Business Technology Council 1156 15th Street NW, Suite 1100 Washington, DC 20005 Laurie Fenton Ambrose President & CEO Lung Cancer Alliance 888 16th St. NW Washington, DC 20006 Hansen A Mansy, PhD Vice President Biomedical Acoustics Research Company 719 Forest Ave. Evanston, IL 60202

## **Georgia**

John G. Edwards CEO, Apeliotus Technologies President, Southeastern Medical Device Association 1456 N. Morningside Dr., NE Atlanta, GA 30306

Michael Sorensen President Simatra Modeling Technologies 75 5th St. NW, Suite 214 Atlanta, GA 30308

Professor Raymond F. Schinazi, PhD, DSc Founder and Executive Director RFS Pharma, LLC 1860 Montreal Road Tucker, GA 30084

#### Illinois

Bruce L. Lambert, Ph.D. President Pharm I. R., Inc. 1427 Lathrop Avenue River Forest, IL 60305-1119

Richard H. Sandler, MD President Biomedical Acoustics Research Company 719 Forest Ave. Evanston, IL 60202

#### Indiana

Steve Klink
CEO
Concordance Health Solutions, LLC
Purdue Research Park
3000 Kent Ave
West Lafayette, IN 47906

Mark S. Deuser President/CEO Techshot, Inc. 7200 Highway 150 Greenville, IN 47124

Cynthia Lander President, CEO Moerae Matrix, Inc. 3000 Kent Avenue West Lafayette, IN 47906

Richard Goldsworthy Director, Research & Development Academic Edge, Inc. 108 E. 14th Street Bloomington, IN 47408

### Kansas

Bruce W. Ferguson Chairman and President Edenspace Systems Corporation 1500 Hayes Drive Manhattan, KS 66502

# **Kentucky**

Eric Ostertag, M.D., Ph.D.
President and CEO
Transposagen Biopharmaceuticals Inc.
201 West Second Street
Lexington, KY 40507

Jane Hermes, DC President Wheelchair Co., Inc. 10408 Bluegrass Pkwy. Louisville, KY 40299

Matthew E Hermes, Ph. D. Secy/Treas
Turbo Wheelchair Co., Inc. 10408 Bluegrass Pkwy.
Louisville, KY 40299

#### Louisiana

Kenneth W Narducy, PhD President St Charles Pharmaceuticals 650 Poydras St, Suite 2830 New Orleans, LA 70130

#### Maine

William Collinge, Ph.D. President Collinge and Associates P.O. Box 263 Kittery Point, ME 03905

Richard Coughlin, Ph.D. President and CSO Sequela 92 Woodlands Drive Falmouth, ME 04105 Kenneth L Carr DrEng.
President
Meridian Medical Systems, LLC
77 Goose Cove Lane
Woolwich, ME 04579

## **Maryland**

Aprile L. Pilon, Ph.D. CEO Clarassance, Inc. 9700 Great Seneca Highway Rockville, MD

Yvonne J. Rosenberg, Ph.D. CSO & President PlantVax Inc. 9430 Key West Ave, Suite 120 Rockville, MD 20850

Sung Ho Hahm, Ph.D. RAFAGEN, INC. Maryland Technology Development Center 9700 Great Seneca Highway, Suite 191 Rockville, MD 20850

Martha Knight, Ph.D.
Executive and Scientific Director
CC Biotech LLC
9700 Great Seneca Highway
Rockville, MD 20850-3307

Jonathan Cohen President & CEO 20/20 GeneSystems, Inc. 9430 Key West Hwy. Rockville, MD 20850

David S. Block
President and CEO
Gliknik Inc.
801 W. Baltimore Street, Suite 501A
Baltimore, MD 21201

Dr. Irene Gonzalez President and CEO Valens Therapeutics, Inc. 1450 South Rolling Road Baltimore, MD 21227

Thiru Thiruvengadam, Ph. D. Founder, President and CEO PsychNostics, LLC 1450 South Rolling Road Baltimore MD 21227

George Ma Quantum Medical Metrics, LLC 1450 South Rolling Road Baltimore, MD 21227

J.J. Finkelstein
President & CEO
RegeneRx Biopharmaceuticals, Inc.
3 Bethesda Metro Center
Suite 630
Bethesda, MD 20814

Mark F. Pittenger, PhD CEO Pearl Lifescience Partners, LLC 1450 S. Rolling Road Baltimore, MD 21227

Judith A. Britz, Ph.D. Britz Life Science Consulting 10549 Patuxent Ridge Laurel, MD 20723

Daniel J. Sussman, Ph.D, Executive Vice President New Horizons Diagnostics Corp. 9110 Red Branch Rd Columbia, MD 21045

Steven Yi, Ph.D. Vice President, R&D Technest, Inc. 10411 Motor City Drive, Suite 650 Bethesda, MD 20817 Robert C. Thompson Vice President Operations, Sanaria Inc., 9800 Medical Center Drive, ste A209 Rockville, MD 20850

Erez Nevo, M.D., DSc CEO Robin Medical, Inc. Johns Hopkins Medical Institutions, P.O.Box 2414 Baltimore, MD 21203

Vladimir Doroshenko, Ph.D. Vice-President, Technology MassTech Inc. 6992 Columbia Gateway Drive Columbia, MD 21046

Brian Lipford VP Strategic Development Key Technologies Inc 40 East Cross St Baltimore MD 21230

Pete Amstutz, CFO Creatv MicroTech, Inc. 11609 Lake Potomac Drive Potomac, MD 20854

Christopher G. Donhauser, M.B.A. Chief Financial Officer Clinical Trials & Surveys Corp. (C-TASC) 10065 Red Run Blvd., Suite 250 Owings Mills, MD 21117

Gordon Robertson President Archivex LLC 130 Lake Forest Dr Elkton, MD 21921

Jesse Baumgold, Ph.D.
VP Business Development & Reagent
Strategy
ChanTest Corporation
9430 Key West Avenue, Suite 200
Rockville, MD 20850

Marco A. Chacon, Ph.D. CEO & President Paragon Bioservices 801 West Baltimore St. Fourth Floor, Suite 401 Baltimore, MD 21201

Carl Pompei Chief Financial Officer AnthroTronix, Inc. 8737 Colesville Rd., Suite L203 Silver Spring, MD 20910

Ginette Serrero, PhD CEO A&G Pharmaceutical Inc. 9130 Red Branch Rd. Columbia, MD 21045

Cha-Mei Tang President Creatv MicroTech, Inc. 11609 Lake Potomac Drive Potomac, MD 20854

Howard R. Champion, M.D. President/CEO SimQuest, LLC 1010 Wayne Avenue, Suite 940 Silver Spring, MD 20910

Raghu Raghavan
President
Therataxis
JHU Eastern Complex, Suite B305
1101 East 33rd Street
Baltimore MD 21218

Marty Zug CFO Sequella, Inc. 9610 Medical Center Drive, Suite 200 Rockville, MD 20850 Darryl Sampey President and CEO BioFactura, Inc. 9430 Key West Ave, Suite 125 Rockville, MD 20850

Lisbeth v.H. Pettengill Vice President Greater Baltimore Committee 111 South Calvert St. Baltimore, MD 21202

### **Massachusetts**

Barbara S. Fox, Ph.D. CEO Avaxia Biologics, Inc. 24 Bedford St. Burlington, MA 01803

Mark A Marchionni, PhD President Alzcor Therapeutics Inc 24 Twin Circle Dr Arlington, MA 02474

Marsha Fox, PhD VP of Operations Spectral Sciences, Inc 4 Fourth Ave Burlington, MA 01803

Ed Bassin, Ph.D. VP of Research and Development ProfSoft, Inc. 220 Reservoir St., Suite 19 Needham, MA 02494

Shantha Sarangapani PhD President ICET, Inc 916 Pleasant Street Bldg 11 Norwood MA, 02062 Peter Hornbeck, Ph.D.
Senior Scientist, Director of Bioinformatics
Cell Signaling Technology
3 Trask Lane
Danvers, MA 01923

Aram T. Salzman CEO NovoBiotic Pharmaceuticals 767C Concord Avenue Cambridge, MA 02138

Gene Froelich CFO/COO CureLab INC 216 Bolivar Street Canton, MA 02021

Huimin Kong, Ph.D. President & CEO BioHelix Corporation 32 Tozer Road Beverly, MA 01915

Arthur DiMartino President TechEn, Inc. 115 Cedar Street Milford, MA 01757

George E. Wright, Ph.D. President GLSynthesis Inc. One Innovation Drive Worcester, MA 01605

Andrew E. Levin, Ph.D.
President and Scientific Director
Immunetics, Inc.
27 Drydock Ave.
Boston, MA 02210

George A. Abe
President and Chief Executive Officer
Cambridge Research & Instrumentation, Inc.
35 B Cabot Road
Woburn, MA 01801

John Craine, MS, MBA C.O.O. / Principal Investigator Vida Health Communications, Inc. 6 Bigelow St. Cambridge, MA 02139

Majed G. Tomeh President & CEO QCMetrix, Inc. 400-1 Totten Pond Road Waltham, MA 02451

Dr. Raymond B. Schaefer President Phoenix Science & Technology, Inc. 27 Industrial Avenue Chelmsford, MA 01824

Anthony B. LaConti, Ph.D., Chief Executive Officer GINER, INC. 89 Rumford Avenue Newton, MA 02466-1311

Gail E. Radcliffe, Ph.D. President Radcliffe Consulting, Inc. 231 Fairbanks St. West Boylston, MA 01583

Tim Wu M.D President and CEO Vasotech, Inc 55 Plainfield Ave Shrewsbury, MA 01545

Patricia McGrath President One Cell Systems, Inc. 100 Inman Street, Suite 200 Cambridge, MA 02139

Patricia McGrath Phylonix Pharmaceuticals, Inc. 100 Inman Street, Suite 300 Cambridge, MA 02139 Edward O'Lear President Cellay, Inc. 100 Inman St, Suite 200 Cambridge, MA 02139

Steven Ebstein President Lexitek, Inc. 14 Mica Lane Ste 6 Wellesley, MA 02481

Tara Cousineau PhD President Women Insight Inc Milton, MA 02186

Hilton G. Pryce Lewis President GVD Corporation 45 Spinelli Pl Cambridge, MA 02138

## **Michigan**

Angelo Gaitas PicoCal, Inc 333 Parkland Plaza Ann Arbor, MI 48103

Thomas A. Collet President & CEO Meditrina Pharmaceuticals, Inc. 300 N. Fifth Avenue, Suite 150 Ann Arbor, MI 48104

Xincheng Zheng (Ted), M.D., Ph.D. Director of Immunology Oncolmmune Inc. 2900 N. Huron Parkway, Suite 2 Ann Arbor, MI 48105 Dr. Charles Jacobus
President
Cybernet Systems Corporation
727 Airport Boulevard
Ann Arbor, MI 48108

Leslie J. Browne, Ph.D. President & CEO Phrixus Pharmaceuticals 300 N. Fifth Ave., Suite 150 Ann Arbor, MI 48104

Ake Elhammer, Ph.D.
Chief Executive Officer
AureoGen Biosciences, Inc.
6475 Technology Ave., Suite C
Kalamazoo, MI 49009

John Hilfinger, Phd President TSRL, Inc. 540 Avis Dr. Ste A Ann Arbor, MI 48108

Scott I. Merz, PhD President Kathryn R. Osterholzer, PhD Research Manager Michigan Critical Care Consultants, Inc. 3550 West Liberty, Suite 3 Ann Arbor, MI 48103

Reyn Homan, PhD Vice President and Co-founder AlphaCore Pharma 333 Parkland Plaza Ann Arbor, MI 48103

Maria Ines Morano, PhD Chief Scientific Officer Originus, Inc. 3895 Research Park Dr. - Suite 200 Ann arbor, MI 48108

### Minnesota

Becky Aistrup
Aistrup Consulting
957 Ashland Avenue
Saint Paul, MN 55104 USA

Mary Margaret Bartik, Ph.D.
Director of Research and Development
Immunochemistry Technologies, LLC
9401 James Avenue South, Suite 155
Bloomington, MN 55431

Jim Stice
President
Twin Star Medical, Inc.
1000 Westgate Drive
St Paul, MN 55114

John Wilson Wilson Wolf Manufacturing Corporation 33 5th Avenue NW New Brighton, MN 55112

Joanna W. LaBresh President Kingfisher Biotech, Inc. 1000 Westgate Drive, Suite 142 St. Paul. MN 55114

Gerald W. Timm, PhD Founder and President GT Urological, LLC 1313 5th Street Southeast Minneapolis, MN 5541

Jon Moon, PhD President MEI Research, Ltd 7680 Executive Dr Eden Prairie, MN 55344

### Missouri

John K. Critser, PhD President and CEO SAGE Holding, LLC 4011 Discovery Drive Columbia MO, 65201

Raghavan Rajagopalan, Ph.D. Principal Research Scientist Covidien 675 McDonnell Blvd. Hazelwood, MO 63042

## New Hampshire

F. William Hersman, PhD CEO Xemed LLC 16 Strafford Avenue Durham, NH 03824

# New Jersey

Michael Borenstein Director Biostatistical Programming Associates, Inc 14 North Dean St Englewood NJ 07631

Hock S. Tan, Ph.D.
Director, Ventures & Technologies
Bionex Pharmaceuticals LLC
Technology Centre of New Jersey
675 US Highway One
North Brunswick, NJ 08902

Maxwell Stock
President
Signum Biosciences, Inc
7 Deer Park Drive, suite H
Monmouth Junction, NJ 08852

Eduardo Pérez, PhD
Vice President of Operations
Signum Biosciences
7 Deer Park Drive, Suite H
Monmouth Junction, NJ 08852

Joseph Huag, PhD MicroDysis, Inc. 1200 Florence-Columbus Rd Bordentown, NJ 08505

Maghsoud Dariani President & CEO Semorex, Inc. 11 Byron Lane Fanwood, NJ 07023

Tom Jin, Ph.D.
President
BioPharm Solutions, Inc.
285 Davison Avenue
Somerset, NJ 08873

Rick Weiss President Viocare 145 Witherspoon Street Princeton, NJ 08542

## New Mexico

Alan C. Stanton
President
Southwest Sciences, Inc.
1570 Pacheco St., Suite E-11
Santa Fe, NM 87505

Reid K. Hester, Ph.D.
Director, Research Division
Behavior Therapy Associates, LLP
9426 Indian School Rd NE Ste 1
Albuquerque NM 87112

Jeffrey S. Pilgrim, Ph.D. President Vista Photonics, Inc. 67 Condesa Road Santa Fe, NM 87508-8136

#### **New York**

Joel W. Grover, Ph.D. Chief Executive Officer Thermal Gradient Inc. 61 Old Stonefield Way Pittsford, NY 14534

Jonathan J. Kaufman, Ph.D. President & CEO CyberLogic, Inc. 611 Broadway, Suite 707 New York, NY 10012

Breck Baldwin, PhD
President
Alias-i, Inc.
181 North 11th Street, Suite 401
Brooklyn, NY 11211

Michael S. Davis, Ph.D Chief Science Officer MedicaSafe, Inc 131 Varick Street, 9th floor. New York, NY 10013

John M. Baust, Ph.D.
President and CEO
Cell Preservation Services, Inc.
2 Court Street,
Owego, NY 13827

Alan Zamore Zylon Corp 600 Chestnut Ridge Rd Chestnut Ridge, NY 10977 Randolph R. Henke, Ph.D., CEO Adarza BioSystems, Inc. Lighthouse Biosciences, Inc. 150 Lucius Gordon Drive West Henrietta, NY 14586

James F. Hainfeld, Ph.D. President NANOPROBES, Incorporated 95 Horseblock Road Yaphank, NY 11980-9710

George Falus PhD President Biomedica Management Corp 760 Parkside Avenue Brooklyn, NY 11226

Richard Russo President & Chief Executive Officer Endomedix, Inc. 25 Health Sciences Drive, Suite 101 Stony Brook, NY 11790

Robert Dean Therex LLC Center of Excellence 701 Ellicott Buffalo NY, 14203

#### **North Carolina**

Dr. Robert A. Kruger, President OptoSonics, Inc. 108 Straight Road Oriental, NC 28571

Melissa E. DeRosier, Ph.D. Director 3-C Institute for Social Development 1901 North Harrison Ave, Suite 200 Cary, NC 27513 Karen LeVert CEO Southeast TechInventures, Inc. (STI) PO Box 13714 Research Triangle Park, NC 27709

Jozef Spychala, PhD President VisiScience Corp. 104 Tabscott Ln. Chapel Hill, NC 27515

Elizabeth Miescher Clemens, Ph.D., President & COO
Mark G. clemens, Ph.D., Vice President
Charles Y. Lee, Ph. D., Vice President
Kristin Rogintene Lee, Ph.D. Vice President
HepatoSys, Inc
20521 BethelwoodLane
Cornelius, NC 28031

Roger D. Nolan, Ph.D. BioKier Inc. 506 Highgrove Drive Chapel Hill, NC 27516

Edward L. Chaney, PhD Co-founder and VP of Technology Morphormics, Inc 6320 Quadrangle Dr, Suite 380 Chapel Hill, NC 27517

Helmut Eckhardt, PhD
President & CEO
Premitec, Inc.
1021 Main Campus Drive, Suite 300
Raleigh, NC 27606

Steven E. Peterson Chief Executive Officer Trana Discovery, Inc. 659-193 Cary Towne Boulevard Cary, NC 27511 Jonathan Gindes CFO & SVP, Business Development Affinergy Inc. 617 Davis Drive, Suite 100 Durham NC 27713

### Ohio

Terry Murphy CEO Monarch Teaching Technologies, Inc. 22001 Fairmount Blvd., Shaker Heights, OH 44118

Frank Zemlan, PhD CEO P2D Bioscience, Inc. 3130 Highland Ave., 3rd Floor Cincinnati, OH 45219

Don Scipione
President
Acme Express, Inc.
3821 Prospect Ave E
Cleveland, OH 44115

## Oklahoma

Kevin L. Moore, M.D.
President
Siwa Biotech Corporation
755 Research Parkway, Suite 125
Oklahoma City, OK 73104

Rafal Farjo, Ph.D. Director, Research and Development Charlesson LLC 800 Research Parkway, Suite 360 Oklahoma City, OK 73104

Robert E. Hurst, PhD President, Acting CEO and CSO DormaTarg, Inc. 940 SL Young Blvd, Rm. 118 Oklahoma City, OK 73104-5020

## **Oregon**

John H. Fitchen, M.D. CEO Najít Technologies, Inc. 2611 SW 3rd Avenue, Suite 200 Portland, OR 97201

Phan Luu, Ph.D. Scientist/Chief Technology Officer Electrical Geodesics, Inc. 1600 Millrace Dr. Eugene, OR 97403

John Gardner President ViewPlus Technologies, Inc. 1853 SW Airport Avenue Corvallis, OR 97333

## **Pennsylvania**

Maureen L. Mulvihill, Ph.D.
President & CEO
Piezo Resonance Innovations, Inc.
310 Rolling Ridge Drive
Bellefonte, PA 16823

Richard I. Somiari, PhD President & Chief Scientific Officer ITSI-Biosciences 633 Napoleon Street Johnstown, PA 15901

Sherin S. Abdel-Meguid, Ph.D. President Shifa Biomedical Corporation 271 Great Valley Parkway, Suite 400 Malvern, PA 19355

Tauseef R. Butt Ph.D President and CEO LifeSensors Inc. 271 Great Valley Parkway Malvern PA 19355 Matt Oristano
Chairman
Reaction Biology Corp.
One Great Valley Parkway, Suite 8
Malvern, PA 19355

Grant R. Grissom, Ph.D.
President and CEO
Polaris Health Directions, Inc.
444 Oxford Valley Road, Suite 300
Langhorne, PA 19047

Jonathan Kaye, PhD President Equipment Simulations LLC PO Box 63684 Philadelphia, PA 19147

Jeremiah Costello, Ph.D.
Proprietor
Costello Pharmaceutical, LLC
905 Westchester Drive
Wexford, PA 15090

Rand H. Nelson COO Peterson Directed Handwriting 315 South Maple Ave. Greensburg PA 15601

Jing Kong CEO and Chief Scientist Q-Chem Inc. 5001 Baum Blvd, Suite 690 Pittsburgh, PA 15213

Benjamin Doranz, PhD, MBA President & CSO Integral Molecular 3701 Market St, 4th Floor Philadelphia, PA 19104

## **Rhode Island**

Janice M. Prochaska, Ph.D. President and CEO Pro-Change Behavior Systems, Inc. PO Box 755 W. Kingston, RI 02892

### **South Carolina**

James Denosky President NoLifting Mobility LLC P.O. Box 12505 Charleston, SC 29422

Luke Ulrich President Agile Genomics, LLC 2488 Cotton Creek Dr. Mount Pleasant, SC 29466

Dr. Gautam Ghatnekar President and CEO FirstString Research, Inc. 475-A East Bay Street Charleston, SC 29403

Kelvin G.M. Brockbank, Ph.D. President and Chief Science Officer Cell & Tissue Systems, Inc. 2231 Technical Pkwy Charleston, SC 29406-4931

## <u>Tennessee</u>

Val Golovlev, PhD President Sci-Tec, Inc. 10425 Cogdill Rd. Ste 300 Knoxville, TN 37932 William P. Purcell, Ph.D.
Molecular Design International, Inc.
111 South Highland Street, Suite 159
Memphis, TN 38111

Mark Richter, PhD President MAX Mobility 5425 Mt View Pkwy Antioch, TN 37013

### **Texas**

Fred S. Patterson
President
The Commercialization Funding Coach, Inc.
North Richland Hills, TX 76180

Yasmin Wadia, M.D. CEO LASER TISSUE WELDING, INC 5510 Atascocita Road, Suite 210 Humble TX 77346

Lance P. Ford, PhD VP of Research and Business Development Bioo Scientific 3913 Todd Lane Suite 312 Austin, TX 78744

J. Chris White Twilight Training, LLC dba ViaSim Solutions 519 I-30, #247 Rockwall, TX 75087

Ann Beal Salamone President Rochal Industries 12719 Cranes Mill San Antonio, TX 78230

Ashok Gowda, Ph.D. President and CEO BioTex, Inc. 8058 El Rio St. Houston, TX 77054 Vesta Brue Founder, CEO LIFETECHniques, Inc. 217 Alamo Plaza, Suite 200 San Antonio, TX 78205

Phyllis B. Siegel CEO Biomedical Development Corporation 500 Sandau #200 San Antonio, TX 78216

Harvey W. Wiggins
President
Plexon Inc
6500 Greenville Ave, Ste 730
Dallas, TX 75206

Jason Ogle Knowledge Based Systems, Inc. 1408 University Dr. East College Station, TX 77840

Jeffrey L. Lacy President, CEO Proportional Technologies Proportional Technologies 8022 El Rio St. Houston, TX 77054

Cathy Yang, M.D. PhD. COO CertiChem, Inc. 11212 Metric Blvd, Suites 500 Austin, TX 78758

Austin Sequeira CEO Accacia International Inc. 2113 Wells Branch Pkwy, Suite 6900 Austin, TX-78728

## Utah

William R. Pagels, PhD CEO / Founder BioMedical Consultants, Inc. 2007 Kensington Avenue Salt Lake City, UT 84108-2627

Danuta Petelenz, MS, MBA
Business and Grants Manager
University of Utah
Technology Commercialization Office
615 Arapeen Drive, Suite 310
Salt Lake City, UT 84108
Incubator businesses:

- Sfida Biologic, Inc.
- Epitel, Inc.
- Kayak Biosciences, Inc.
- Sci-U, Inc.
- Affinity One, Inc.
- Integratech Proteomics, Inc.
- NanoMedic, Inc.
- Phenomex, Inc.
- Sabella Medical Adhesives, Inc.
- RNA Biosciences, Inc.
- Nanoonc, Inc.
- Rescue Medical, Inc.
- Scintalla, Inc.
- Proactive Memory Services, Inc.

### **Vermont**

Lawrence Keyes
Microdesign Consulting Inc.
PO Box 194
Colchester VT 05446

# <u>Virginia</u>

Jose E. Velazco, Ph.D.
President
Microwave Technologies Incorporated
5799L Burke Centre Parkway
Burke, VA 22015

Vladimir Karginov, Ph.D. Chief Scientific Officer Innovative Biologics, Inc. 13455 Sunrise Valley Dr. Suite 200 Herndon, VA 20171

Thomas Piccariello, Ph.D. President & CSO Synthonics, Inc. 1700 Kraft Drive, Suite 1355 Blacksburg, VA 24060

Howard Elford, PhD President and Research Director Molecules for Health, Inc. 800 E. Leigh Street, Ste 206-4 Richmond, VA 23219

## **Washington**

Joe Kabel, Ph.D.
President
Looking Glass Analytics
215 Legion Way SW
Olympia, WA 98501

Dave Vachon, Ph.D. President lasis Molecular Sciences 665 N Riverpoint Blvd Spokane, WA 99202

John A. Zebala, M.D., PhD President and CEO Syntrix Biosystems, Inc. 215 Clay Street NW, Suite B5 Auburn, WA 98001

Erik Nilsson President Insilicos LLC 4509 Interlake Avenue North, #223 Seattle, WA 98103-6773

### **Wisconsin**

Robert G. Britt President Quantum Tubers Corporation P.O. Box 569 Delavan, WI 53115

Dr. Jane Homan Chief Executive Officer ioGenetics LLC 3591 Anderson Street, Suite 218 Madison, WI 53704

David Mead, Ph.D. CEO Lucigen Corp. 2120 W Greenview Dr Middleton WI 53562

Paul Schmelzer President & CEO Prism Clinical Imaging 890 Elm Grove Rd., Suite 215 Elm Grove, WI 53122

B. Lynn Allen-Hoffmann, Ph.D. CEO and CSO Stratatech Corporation, Suite 170 505 S. Rosa Road Madison, WI 53719

Nancy Kendrick, Ph.D. Kendrick Labs Inc 1202 Ann St Madison, WI 53713

Dr. James R. Prudent Chief Executive Officer Centrose 802 Deming Way Madison WI 53717-1917 Deven McGlenn CEO NeoClone, LLC 1202 Ann St. Madison, WI 53713

Sal Braico CEO Flex Biomedical, Inc. 505 S. Rosa Rd, Suite 10B Madison, WI 53719

Alex D. Vodenlich President & CEO Gentel Biosciences, Inc. 5500 Nobel Drive, Suite 230 Madison, WI 53711

Bryan Z. Renk Executive Director BioForward 455 Science Drive, Suite 160 Madison WI 53711

Frederick R. Blattner CEO DNASTAR Inc. 3801 Regent St. Madison WI 53705