July 24, 2013
Private Funding Received FY13

**Gift of Significance!**
Wayne and Gladys Valley Foundation; **$4.6 Million**; for the School

**Private Funding Received FY2013 Addenda**
1. Albert O. Raymond Trust; $88,457; Albert O. Raymond Trust Financial Aid
2. Albert W. Rice Charitable Foundation; $25,000; Mobile Health Van Fund
3. Angel Fund, Inc.; $327,423; Angel Fund
4. Autism Consortium; $45,767; Autism Consortium Fund
5. Ellison Foundation; $100,000; Cardiovascular Medicine
6. Fairlawn Foundation Fund; $20,000; Fairlawn Scholarship
7. Glass Charitable Foundation; $130,000; Diabetes Center of Excellence
8. Greater Worcester Community Foundation, Inc.; $45,000; Medical Orders for Life Sustain Treatmen
9. Greater Worcester Community Foundation, Inc.; $12,500; HOPE Coalition Youth Leadership Program
10. J.T. Tai & Company Foundation, Inc.; $90,000; Tai Foundation Scholarship
11. John L. & Geraldine R. Weil Memorial Charitable Foundation; $45,000; Sibling Support Demo Project
12. Mass Medical Society and Alliance Charitable Foundation; $15,000; School
13. Middlesex District Medical Society; $100,000; Middlesex District Student Emer. Fund
14. Momma Mary Foundation; $100,000; UMass ALS Champion Fund
15. Muscular Dystrophy Association, Inc.; $10,500; MDA-ALS Center Fund
16. Omega Institute for Holistic Studies; $110,310; Center for Mindfulness
17. Pappas Family Fund; $75,000; Diabetes Center of Excellence
18. Ronald McDonald House Charities of Eastern New England, Inc.; $75,000; Mobile Health Van Fund
19. Sarah Elizabeth O’Brien Trust; $50,000; Cancer Center of Excellence-Breast
20. Tara Bean Foundation; $10,000; Tara Bean Brain Tumor Research Fund
21. The Foundation for a Mindful Society, Inc.; $5,020; Center for Mindfulness
22. The Rainwater Charitable Foundation; $96,250; Rainwater Tau Consortium
23. Will Rogers Institute; $40,000; Will Rogers Pulmonary Med

**Private Funding Received FY2013 Q4 (Apr-Jun 2013); Congratulations to all!!**
1. ALS Therapy Alliance, Inc; Freeman, Marc; $250,000; The role of SARM in axon degeneration and ALS (Renewal Application)
2. ALS Therapy Alliance, Inc; Gao, Fen-Biao; $375,000; Generation and Characterization of Novel Cellular and Animal Models of Amyotrophic…
3. ALS Therapy Alliance, Inc; Hayward, Larry; $346,951; Understanding how mutant FUS/TLS impairs neuronal homeostasis
4. American Cancer Society; Roderick, Justine; $150,000; GSI Treatment in Relapsed T-ALL and Mechanisms of GSI Resistance
5. American Society of Hematology; Socolovsky, Merav; $100,000; Flow cytometric analysis of erythropiesis
6. Association Francaise contre les Myopathies; Jones, Peter; $37,707; DUX4, epigenetics, and pathogenesis of facioscapulohumeral muscular dystrophy
7. Bill and Melinda Gates Foundation; Miller, Stephen; $100,000; Delivery of novel drugs into parasitic nematodes
8. Boston Children’s Hospital; Greiner, Dale; $182,184; Advance Biomaterials and Delivery Systems for Islet Encapsulation
9. Brigham and Women's Hospital; Greiner, Dale; $46,750; Improved Mass Transport to Maximize Function of Encapsulated Beta Cells
10. Burroughs Wellcome Fund; Brass, Abraham; $500,000; Investigators in the Pathogenesis of Infectious Disease Award
11. Burroughs Wellcome Fund; Fuhrmann, Cynthia; $47,005; Career Guidance for Trainees
12. Charles A. King Trust Fellowship Program; Maldonado, Ana; $95,000; A novel platform for a vaccine against gastrointestinal bacterial diseases
13. CHDI Foundation; Aronin, Neil; $178,848; Exosome Delivery of siRNA against Huntington mRNA
14. Human Frontier Science Program; Braun, Joerg; $160,980; Fellowship from the HFSPO
15. Hyundai Hope on Wheels; Kelliher, Michelle; $250,000; The role of rip 1 in TNF signal transduction and mechanism(s) of tal 1/sci mediated leukemogenesis
16. Japan Foundation for Pediatric Research; Futai, Kensuke; $11,000; The roles of neuroligin-neurexin interactions in the balance of excitatory and inhibitory synapses
17. John D. and Catherine T. MacArthur Foundation; Vincent, Gina; $195,000; Models for Change
18. National Opinion Research Center; Himmelstein, Jay; $19,878; NORC Senior Fellow
19. Novartis Institutes for Biomedical Research; Khvorova, Anastasia; $633,898; Inter and intra-cellular trafficking pathways for natural and therapeutic oligonucleotides
20. Pharmaceutical Research and Manufacturers of America Foundation; Anatchkova, Milena; $60,000; Estimating patient reported labor market outcomes from health variables
21. Rett Syndrome Research Trust; Green, Michael; $750,000; Reactivation of the inactive x-linked MECP2 gene as a therapeutic strategy for Rett Syndrome
22. Sidney Kimmel Foundation for Cancer Research; Ceol, Craig; $200,000; Identifying events and genetic regulators of melanoma progression
23. The Amyotrophic Lateral Sclerosis Association; Gao, Fen-Biao; $240,000; Use of Patient Specific IPS Celis to Investigate Pathogenic Mechanisms of Hexanucleotide Repeats in C9ORF72
24. The Annie E. Casey Foundation; Davis, Mary Ann; $5,000; Setting the Research Agenda: Supporting the Transition to Education and Employment for Young Adults with Serious Mental Conditions
25. The Leukemia and Lymphoma Society; Hainer, Sarah; $165,000; The Leukemia and Lymphoma Society Fellow
26. The Regents of the University of California; Gao, Fen-Biao; $160,000; Consortium for Frontotemporal Dementia Research (CFR), The Bluefield Project
27. Trustees of Columbia University; Gao, Fen-Biao; $46,000; Target ALS: A Drosophila Model of C9orf72-related ALS

Private Funding Received FY2013 Q3 (Jan-Mar 2013); Congratulations to all!!
1. Alliance for Lupus Research; Shruti Sharma; $187,133; Innate sensing of AT-Rich DNA during autoimmunity
2. ALS Therapy Alliance; Schwartz, William; $231,118; Defective Daily Thermoregulation in a Mouse Model of ALS.
3. American Diabetes Association; Guertin, David; $103,500; Mechanistic target of rapamycin complex 2 pathways in brown fat growth and regulation.
4. American Heart Association; Nam, Minwoo; $44,000; Modifying cardiovascular risk through preservation and promotion of brown fat.
5. American Heart Association; Lawson, Nathan; $150,000; A screen for transcriptional regulators of artery identity.
6. American Heart Association; Salmoirago-Blocher,Elena; $154,000; Long-term prognosis predisposing factors and psychological characteristics of transient stress cardiomyopathy.
7. Avon Foundation; Simin, Karl; $7,210; Expression Profiles Identifying High Risk Premalignant Breast Lesions.
8. Boehringer Ingelheim International GmbH; Brass, Abraham; $185,156; RNAi Screening Collaboration Agreement.
9. Borchard Foundation Center on Law and Aging; Gershon, Rachel; $20,000; Thinking Long Term: An Evaluation of Financing Options for Long Term Services and Supports.
10. Broad Institute; Garber, Manuel; $83,000; Center for Cell Circuits.
11. Consortium of Rheumatology Researchers of North America, Inc.; Harrold, Leslie; $423,609; CORRONA Data Collection Program
12. FSH Society; Jones, Peter; $75,000; A Transgenic Model of DUX4-mediated FSHD
13. Istituto Auxologico Italiano; Landers, John; $167,525; Instituto Auxologico Italiano/AriSLA Regulation 2013.
14. J. Robert Gladden Orthopaedic Society; Franklin, Patricia; $10,000; JRGOS Resident Research Grant
15. Joan & Sanford I. Weill Medical College of Cornell University; Sassetti, Chris; $182,133; Conditional M tuberculosis knockdown mutants for TB drug development.
17. Johns Hopkins University; Gao, Fen-Biao; $40,000; Identification of Genetic Modifiers of GGGGCC Repeats Toxicity in Drosophila
18. Leona M. and Harry B. Helmsley Charitable Trust, Maehr, Rene; $275,000
19. March of Dimes Foundation; Trivedi, Chinmay; $150,000; Basil O’Connor Starter Scholar Research Award.
21. Muscular Dystrophy Association; Brown, Robert; $21,600; MDA Sponsored Clinic at UMass Memorial Medical Center.
22. Muscular Dystrophy Association; Emerson, Charles; $383,333; Evaluation DUX4 as a Therapeutic Target for FSHD (MDA216652).
23. OMNITEC Solutions, Inc.; Kennedy, David; $83,600; Computational Image QA support for the NDAR Database.
24. Philips Healthcare; Aurigemma, Gerard; $4,500; Product Evaluation Agreement Q-Station and QLAB speckle tracking and 3D software
25. Rheumatology Research Foundation; Gravallese, Ellen; $15,000; Rheumatology Research Foundation Resident Research Preceptorship
26. Ruderman Family Foundation; Curtin, Carol/Bandini, Linda; $50,000; Fitness and Nutrition Program for Youth with Developmental Disabilities
27. Searle Scholars Program; Torres, Eduardo; $300,000; Role of Protein Turnover Pathways in Aneuploid Cells
28. The Henry M. Jackson Foundation; Sloutsky, Alexander; $17,224 Collaboration to Enhance MDR-TB Surveillance in Diverse Settings.
29. The Laerdal Foundation for Acute Medicine; Eslami, Pegeen; $5,100; Assessment of retention of skills and knowledge from Helping Babies Breathe newborn resuscitation curriculum.
30. The Scripps Research Institute; Gao, Guangping; $300,247; A Gene therapeutic approach to stable suppression of HIV-1 replication
31. The Scripps Research Institute; Gao, Guangping; $217,921; A Gene therapeutic approach to stable suppression of HIV-1 replication
32. Treatment Innovations, LLC; Anderson, Melissa; $38,254; Melissa Anderson Training Support
33. University of Copenhagen; Czech, Michael; $1,050,000; Gene and regulatory RNA expression in obese humans
34. University of Geneva; Luban, Jeremy; $144,257; Investigations of protein expression during anti-viral response mechanisms.
35. Yale University/R Baby Foundation; Walsh, Barbara; $12,500; Mobile Pediatric Simulation Assuring High Quality Pediatric Emergency Care whenever and wherever it is needed

Private Funding Received FY2013 Q2 (Oct-Dec 2012); Congratulations to all!!
1. Alex’s Lemonade Stand, Bridge Award; Castilla, Lucio; $100,000; Cooperating genes for inv16 acute myeloid leukemia
2. Alfred P. Sloan Foundation, Thorndyke, Luanne, $250,000, Alfred P. Sloan Award for Faculty Career Flexibility in Medical Schools
3. Alpha 1 Project; Mueller, Christian; $100,000; Resurrection and Characterization of a PiZ antibody
4. American Cancer Society, Research Scholar Grant; Ceol, Craig, $720,000, Epigenetic Determinants of Melanoma Initiation and Maintenance
5. American Heart Association; Pauff, Steven; $44,000; Design of Near-Infrared Imaging Reagents for the Detection of Nitric Oxide in Live Cells and Organisms
6. Brain & Behavior Research Foundation; March, Wendy; $60,000; Randomized Double-blind Placebo-controlled Pilot study of Vitamin D Supp for Treatment of Bipolar Depression.
7. Breast Cancer Research Foundation; Ockene, Judith; $3,617; Breast Cancer Prevention through Nutrition Program
8. European Molecular Biology Organization (EMBO); Braun, Joerg; $40,636; EMBO Long Term Fellowship
9. Foundation for Excellence and Mental Health Care, Inc.; Ziedonis, Douglas; $100,000; Adapting the Open Dialogue Model in the United States
10. JDRF/Calamus Biosciences LLC; Greiner, Dale; $50,000; Moka1, a Kv1.3 inhibitor for type 1 diabetes
11. JDRF/The Jackson Laboratory; Greiner, Dale; $192,500; Antigen-Specific Tolerance in Models of Human T1D
12. John Merck Fund; Lawrence, Jeanne; $1,000,000; Accelerating Down Syndrome Progress by Translating Dosage Compensation to Trisomy
13. Lupus Research Institute; Rothstein, Ann; $1,000,000; LRI Distinguished Innovator Award
14. Merit Foundation; Salomon-Escoto, Karen; $33,115; Comparison of DMARD use in the United States, Portugal, and Netherlands
15. Nancy Lurie Marks Family Foundation; Weinstock, Amy; $50,000; Core Funding for the Autism Insurance Resource Center
16. Smith Family Foundation; Torres, Eduardo; $300,000; Role of Protein Turnover Pathways in Aneuploid Cells
17. VR Foundation; Harris, John; $50,000; Testing inhibitors of the IFN-γ-chemokine axis as new treatments for vitiligo

**Private Funding Received** FY2013 Q1 (July-Sept 2012). Congratulations to all!!

1. ALS Association, Tran, Helene, $100,000, A Drosophila model of The Hexanucleotide Repeats-Induced Toxicity
2. American Diabetes Association, Czech, Michael, $177,750, Role of the STE20 kinase Map4K4 in adipocyte function and whole body metabolism
3. American Psychiatric Foundation, The, Kushkuley, Jacob, $5,000, Mental Health Care at the Worcester Free Clinic Coalition sites
4. Cystic Fibrosis Foundation, O’Sullivan, Brian, $69,440, Cystic Fibrosis Patient Registry
5. Ellison Medical Foundation, Senior Scholar Award; Ambros, Victor, $1,002,375, MicroRNA pathways and stress resistance in C. elegans
6. Foundation Fighting Blindness, Khanna, Hemant, $300,000, Molecular mechanisms and treatment strategies for CEP290-mediated severe early onset retinal degeneration in Leber congenital amaurosis
7. Foundation for Surgical Fellowships, Kelly, John, $62,500, 2012-2013 Foundation for Surgical Fellowships
8. John D. and Catherine MacArthur Foundation, Grisso, Tom, $465,000, National Youth Screening Assistance Project/training/screening and assessment of mental health conditions and risk for re-offending youth in the Models for Change states
9. Leona M. and Harry B. Helmsley Charitable Trust Grant, Greiner, Dale, $1,334,861, Humanized Mice for the Study of iPS Cells
10. Life Sciences Research Foundation, Thatcher, Elizabeth, $168,000, Project TBD
11. Mathers Charitable Foundation, G. Harold and Leila Y., Rando, Oliver, $362,524, The Inheritance of Acquired Characters in Mammals
12. Muscular Dystrophy Association, Tupler, Rossella, $260,000, Dissecting the Complexity of FSHD Molecular Pathogenensis (MDA240880)
13. Pew Charitable Trusts, Fuxman, Juan Bass, $95,000, A Human Cytokine Gene Regulatory Network
14. Sidney R. Baer, Jr. Foundation, Deutsch, Curtis, $200,000, Eunice Kennedy Shriver Center neurobehavioral evaluation initiative
15. Sidney R. Baer, Jr. Foundation, Rubin, Emily, $150,000, Eunice Kennedy Shriver Center Sibling Support Demonstration Project
16. ViaCord, LLC, Kent, Sally, $34,760, Human Autoreactive T Cell Functional Suppression by Wharton's Jelly-derived Stem Cells
17. Whitehall Foundation, Inc, Futai, Kensuke, $225,000, The roles of trans-synaptic adhesion molecules in synapse validation

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