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Nano eNabler™ System Relevant Grant Opportunities

At BioForce Nanosciences we understand the challenges of academic life. Whether you are a young faculty member starting a lab, or a tenured professor looking to enhance your current research with the Nano eNabler™ system, we can help you succeed! Below is a list of grant opportunities that staff has tried to provide expiration dates and grant amounts in one place. Additional information for each grant can be found by following the hyper link provided as well.

NIH Grant Submission Cycles

All Active NIH Funding Opportunities

Cancer Research

NIH Innovative Technologies for Molecular Analysis of Cancer
R21 – up to $500K total over 3 years
Expiration Date: September 25, 2008
http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-08-006.html

NIH Application of Emerging Technologies for Cancer Research
R21 – up to $275K total over 2 years
Expiration Date: September 25, 2008
http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-08-007.html
R33 – up to 3 years with an appropriate budget
Expiration Date: September 25, 2008
http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-08-008.html

NIH Innovative and Applied Molecular Analysis Technologies for Cancer
STTR [R41/R42] – Phase I: up to $100K per year up to 2 years, Phase II: up to $750K per year up to 3 years
Expiration Date: September 25, 2008
http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-08-012.html
SBIR [R43/R44] – Phase I: up to $100K per year up to 2 years, Phase II: up to $750K per year up to 3 years
Expiration Date: September 25, 2008
http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-08-011.html

NIH Exploratory Studies in Cancer Detection, Diagnosis, and Prognosis
R21 - up to $275K total for 2 years
Expiration Date: January 8, 2009
http://grants.nih.gov/grants/guide/pa-files/PA-06-299.html

NIH IN VIVO CANCER IMAGING EXPLOARATORY/DEVELOPMENTAL GRANTS
R21 – up to $275K total for 2 years
Expiration Date: May 8, 2009
http://grants.nih.gov/grants/guide/pa-files/PA-06-371.html

NIH Exfoliated Cells and Circulating DNA in Cancer Detection and Diagnosis
R21 – up to $275K total for 2 years
Expiration Date: September 8, 2009
http://grants.nih.gov/grants/guide/pa-files/PA-06-499.html

NIH Academic-Industrial Partnerships for Development and Validation of In Vivo Imaging Systems and Methods for Cancer Investigations
R01 – award varies
Expiration Date: March 6, 2010
http://grants.nih.gov/grants/guide/pa-files/PAR-07-214.html

NIH Understanding and Preventing Brain Tumor Dispersal
R01 – award varies
Expiration Date: January 8, 2011
http://grants.nih.gov/grants/guide/pa-files/PAS-08-048.html
R21 – up to $275K total for 2 years
Expiration Date: January 8, 2011
http://grants.nih.gov/grants/guide/pa-files/PAS-08-049.html

Stem Cells

NIH Novel Approaches to Enhance Animal Stem Cell Research
R01 – award varies
Expiration Date: January 8, 2010
http://grants.nih.gov/grants/guide/pa-files/PA-07-303.html
R21 – up to $275K total for 2 years
Expiration Date: January 8, 2010
http://grants.nih.gov/grants/guide/pa-files/PA-07-304.html

NIH Testing Stem Cell Therapy in Mouse Models of Premature Aging
R21 – award varies
Expiration Date: September 8, 2008
http://grants.nih.gov/grants/guide/pa-files/PA-06-137.html

NIH DIRECTED STEM CELL DIFFERENTIATION FOR CELL-BASED THERAPIES FOR HEART, LUNG, AND BLOOD, AND AGING DISEASES
R21 – up to $275K total for 2 years
Expiration: September 8, 2008
http://grants.nih.gov/grants/guide/pa-files/PA-06-407.html

NIH Directed Stem Cell Differentiation for Cell-Based Therapies for Heart, Lung, and Blood, and Aging Diseases
R21 – up to $275K total for 2 years
Expiration Date: September 8, 2008
http://grants.nih.gov/grants/guide/pa-files/PA-06-407.html
STTR R41/R42 – Phase I: up to $250K per year for 2 years, Phase II: up to $1M per year for 3 years
Expiration Date: September 8, 2008
http://grants.nih.gov/grants/guide/pa-files/PA-06-125.html
SBIR R43/R44 – Phase I: up to $250K per year for 2 years, Phase II: up to $1M per year for 3 years
Expiration Date: September 8, 2008
http://grants.nih.gov/grants/guide/pa-files/PA-06-124.html

NIH Human Pluripotent Stem Cell (hPSC) Research Using Non-Embryonic Sources
R01 – award varies
Expiration Date: January 8, 2011
http://grants.nih.gov/grants/guide/pa-files/PA-08-043.html
R21 – up to $275K total for 2 years
Expiration Date: January 8, 2011
http://grants.nih.gov/grants/guide/pa-files/PA-08-044.html

NIH STEM CELLS AND CANCER
R21 – up to $275K total for 2 years
Expiration: May 8, 2011
http://grants.nih.gov/grants/guide/pa-files/PA-08-165.html

Drug Discovery

NIH Molecular Libraries Screening Instrumentation
R01 – up to $500K per year for 2 years
Expiration Date: October 3, 2008
http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-08-020.html

NIH GRANTS FOR ALZHEIMER'S DISEASE DRUG DISCOVERY
R21 – up to $275K for up to 2 years
Expiration: May 8, 2009
http://grants.nih.gov/grants/guide/pa-files/PAS-06-261.html

NIH NATIONAL COOPERATIVE DRUG DISCOVERY GROUPS FOR THE TREATMENT OF MENTAL DISORDERS, DRUG, OR ALCOHOL ADDICTION
U19 – award amounts vary
Expiration: September 18, 2009
http://grants.nih.gov/grants/guide/pa-files/PAR-07-159.html

NIH Drug Discovery for Nervous System Disorders
R01 – award varies
Expiration Date: November 6, 2009
http://grants.nih.gov/grants/guide/pa-files/PAR-07-048.html
R21 – up to $275K for up to 2 years
Expiration Date: January 8, 2010
http://grants.nih.gov/grants/guide/pa-files/PAR-07-049.html

NIH Assay Development for High Throughput Molecular Screening
R21 – up to $100K for year one, up to $25K for year two
Expiration Date: March 21, 2010
http://grants.nih.gov/grants/guide/pa-files/PAR-08-024.html

NIH Development of Assays for High-Throughput Drug Screening
R01 – award varies
Expiration Date: May 8, 2010
http://grants.nih.gov/grants/guide/pa-files/PA-07-320.html

Bioengineering

NIH BIOENGINEERING NANOTECHNOLOGY INTIATIVE
STTR [R41/R42] – award amounts vary
Expiration: September 8, 2008
http://grants.nih.gov/grants/guide/pa-files/PA-06-008.html

NSF Biomedical Engineering (BME)
Typical award size of $100K per year
Small equipment proposals up to $100K may also be submitted
Submission windows: February 1 through March 1 and
August 15 through September 15
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501023

NSF Biomaterials (BMAT)
Submission window: starting the third Monday in September and ending the first Friday in November
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13699

NIH Enabling Technologies for Tissue Engineering and Regenerative Medicine
R01 – award varies
Expiration Date: May 21, 2009
http://grants.nih.gov/grants/guide/pa-files/PAR-06-504.html

NIH EXPLORATORY/DEVELOPMENTAL BIOENGINEERING RESEARCH GRANTS (EBRG)
R21 – up to $275K total for 2 years
Expiration: September 8, 2009
http://grants.nih.gov/grants/guide/pa-files/PA-06-418.html

NIH BIOENGINEERING RESEARCH GRANTS (BRG)
R01 – award amounts vary
Expiration: September 8, 2009
http://grants.nih.gov/grants/guide/pa-files/PA-07-279.html

NIH Exploratory/Developmental Bioengineering Research Grants (EBRG)
R21 – up to $275K total for 2 years
Expiration Date: September 8, 2009
http://grants.nih.gov/grants/guide/pa-files/PA-06-418.html

NIH Bioengineering and Obesity
R01 – award varies
Expiration Date: March 6, 2010
http://grants.nih.gov/grants/guide/pa-files/PA-07-354.html

NIH Bioengineering Research Partnerships (BRP)
R01 – award varies
Expiration Date: May 8, 2010
http://grants.nih.gov/grants/guide/pa-files/PAR-07-352.html

Nanotechnology

NIH Bioengineering Nanotechnology Initiative
STTR [R41/R42] – award varies
Expiration Date: September 8, 2008
http://grants.nih.gov/grants/guide/pa-files/PA-06-008.html
SBIR (R43/R44) – award varies
Expiration Date: September 8, 2008
http://grants.nih.gov/grants/guide/pa-files/PA-06-009.html

NIH Innovative Application of Nanotechnology to Heart, Lung, Blood, and Sleep Disorders
R21/R33 – R21 Phase: up to $250K per year, R33 Phase: up to $500K per year, combined R21/R33 limited to 5 years
Expiration Date: September 13, 2008
http://grants.nih.gov/grants/guide/pa-files/PAR-06-287.html

NSF Biophotonics, Advanced Imaging, and Sensing for Human Health (BISH)
Submission window: August 15, 2008 - September 15, 2008
Typical award size is $100K per year for individual investigators and $200K for multiple investigators, small equipment proposals up to $100K may also be submitted
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501025

NSF Nano and Bio Mechanics (NBM)
Submission windows: September 1, 2008 - October 1, 2008 and January 15, 2009 - February 15, 2009
http://nsf.gov/funding/pgm_summ.jsp?pims_id=13523&org=CMMI

NIH Nanoscience and Nanotechnology in Biology and Medicine
R01 – award varies
Expiration Date: January 8, 2011
http://grants.nih.gov/grants/guide/pa-files/PA-08-052.html
R21 – up to $275K total for 2 years
Expiration Date: January 8, 2011
http://grants.nih.gov/grants/guide/pa-files/PA-08-053.html

Neuroscience

NIH Probes for Microimaging The Nervous System
STTR [R41/R42] – Phase I: up to $200K per year for 2 years, Phase II: up to $400K for 3 years
Expiration Date: September 8, 2008
http://grants.nih.gov/grants/guide/pa-files/PA-06-022.html
SBIR [R43/R44] – Phase I: up to $200K per year for 2 years, Phase II: up to $400K for 3 years
Expiration Date: September 8, 2008
http://grants.nih.gov/grants/guide/pa-files/PA-06-021.html

NIH Probes and Instrumentation for Monitoring and Manipulating Nervous System Plasticity
R01 – up to 5 years with an appropriate budget
Expiration Date: September 17, 2008
http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-09-030.html

NSF Neural Systems
Typical award size of $118K
Submission date: January 12, 2009
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501089

NIH Angiogenesis in the Nervous System in Health and Disease
R01 – award varies
Expiration Date: January 8, 2011
http://grants.nih.gov/grants/guide/pa-files/PA-08-015.html
R21 – up to $275K total for 2 years
Expiration Date: January 8, 2011
http://grants.nih.gov/grants/guide/pa-files/PA-08-016.html

Basic Biological Research

NIH Molecular Probes for Microscopy of Cells
R01 – award varies
Expiration Date: August 30, 2008
http://grants.nih.gov/grants/guide/pa-files/PAR-07-234.html

NSF Instrument Development for Biological Research (IDBR)
Submission date: September 5, 2008
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=9187

NIH DEVELOPMENT OF BIOMARKERS FOR MENTAL HEALTH RESEARCH AND CLINICAL UTILITIES
SBIR [R43/R44] – Phase I: up to $250K per year, up to 2 years, Phase II: up to $450K per year, up to 3 years
Expiration: September 8, 2008
http://grants.nih.gov/grants/guide/pa-files/PA-06-016.html

NIH The Secretory Pattern of Senescent Cells
R01 – award varies
Expiration Date: September 8, 2008
http://grants.nih.gov/grants/guide/pa-files/PA-07-278.html
R21 – award varies
Expiration Date: September 8, 2008
http://grants.nih.gov/grants/guide/pa-files/PA-06-138.html

NSF Biotechnology, Biochemical, and Biomass Engineering (BBBE)
Typical award size is $100K per year, small equipment proposals up to $100K may also be submitted
Submission window: August 15, 2008 - September 15, 2008
http://nsf.gov/funding/pgm_summ.jsp?pims_id=501024&org=CBET

NSF BIOMEDICAL ENGINEERING (BME)
Full proposals due August 15 – September 15, 2008
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501023

NSF Cellular Systems Cluster
Submission date: January 12, 2009
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12772

NSF Developmental Systems
Typical award size is $133K per year
Submission date: January 12, 2009
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501087

NSF BIOMOLECULAR SYSTEMS CLUSTER
Full proposals due January 12, 2009
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12771

NSF Major Research Instrumentation Program (MRI)
Submission date: January 22, 2009
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5260

NIH PROTEOMICS: DIABETES, OBESITY, AND ENDOCRINE, DIGESTIVE, KIDNEY, UROLOGIC, AND HEMATOLOGIC DISEASES
R01 – award amounts vary
Expiration: March 6, 2009
http://grants.nih.gov/grants/guide/pa-files/PA-07-016.html

NIH Aging Musculoskeletal and Skin Extracellular Matrix
R21 – up to $275K total for 2 years
Expiration Date: May 8, 2009
http://grants.nih.gov/grants/guide/pa-files/PA-06-242.html

NIH APPLICATION OF METABOLOMICS FOR TRANSLATIONAL AND BIOLOGICAL RESEARCH
R21 – up to $275K total for 2 years
Expiration: January 8, 2010
http://grants.nih.gov/grants/guide/pa-files/PA-07-302.html

NIH Application of Metabolomics for Translational and Biological Research
R01 – award varies
Expiration Date: January 8, 2010
http://grants.nih.gov/grants/guide/pa-files/PA-07-301.html
R21 – up to $275K total for 2 years
Expiration Date: January 8, 2010
http://grants.nih.gov/grants/guide/pa-files/PA-07-302.html

NIH New Technology for Proteomics and Glycomics
SBIR [R43/R44] – Phase I: up to $200K per year, up to 2 years, Phase II: up to $400K per year, up to 4 years
Expiration Date: August 6, 2010
http://grants.nih.gov/grants/guide/pa-files/PA-07-451.html
STTR [R41/R42] – Phase I: up to $200K per year, up to 2 years, Phase II: up to $400K per year, up to 4 years
Expiration Date: August 6, 2010
http://grants.nih.gov/grants/guide/pa-files/PA-07-452.html

NIH New Technologies for Transient Molecular Complex Characterization
SBIR [R43/R44] – Phase I: up to $100K for 6 months, Phase II: up to $750K for 2 years
Expiration Date: May 8, 2011
http://grants.nih.gov/grants/guide/pa-files/PA-08-110.html

NIH New Technologies for Transient Molecular Complex Characterization
STTR [R41/R42] – Phase I: up to $100K for 12 months, Phase II: up to $750K for 2 years
Expiration Date: May 8, 2011
http://grants.nih.gov/grants/guide/pa-files/PA-08-111.html