List Of 2013 Reports

ID#	Title, First Author, and Category	Status
84	**Title:** EPR Analysis of a Membrane-bound HIV Gp41 MPER Segment as a Vaccine Candidate **First Author:** Song, L., NHMFL, song@magnet.fsu.edu **PI:** Reinherz, E.L., Dana-Farber Cancer Institute & Harvard Med. School, Ellis_Reinherz@dfci.harvard.edu **Category:** Biology **Facility:** EMR Facility **UCGP:** Yes **VSP:** No **Published in** J. Biol. Chem. 288 (44), 31888-901 **Sign. Achievement:** Yes **Director's Recommendation:** Yes, definitely **Director's Comments:** None	Edited
85	**Title:** Investigation of a Specialized Hinge Segment in HIV Envelope Protein Gp41 Using EPR **First Author:** Song, L., NHMFL, song@magnet.fsu.edu **PI:** Reinherz, E.L., Harvard Medical School, ellis_reinherz@dfci.harvard.edu **Category:** Biology **Facility:** EMR Facility **UCGP:** Yes **VSP:** No **Accepted by** J. Mol. Biol. **Sign. Achievement:** Yes **Director's Recommendation:** Yes **Director's Comments:** None	Edited
23	**Title:** Entropy as a Measure of Non-Gaussian Diffusion in Fixed Rat Brain Tissues **First Author:** Magin, R.L., University of Illinois at Chicago, Bioengineering, rmagin@uic.edu **PI:** Magin, R.L., University of Illinois at Chicago, Bioengineering, rmagin@uic.edu **Category:** Biology **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Published in** Microporous and Mesoporous Materials 178: 39-43 (2013) **Sign. Achievement:** Yes **Director's Recommendation:** Yes **Director's Comments:** None	Edited
345	**Title:** Effect of Anesthetic and Blood Oxygenation in Migraine Animal Model at 21.1 T **First Author:** Schepkin, V.D., NHMFL/FSU, CIMAR, schepkin@magnet.fsu.edu **PI:** Schepkin, V.D., NHMFL/FSU, CIMAR, schepkin@magnet.fsu.edu **Category:** Biology **Facility:** NMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** Yes **Director's Recommendation:** Yes **Director's Comments:** None	Edited
236	**Title:** Three-Dimensional MRM of the Drosophila Brain at High Resolution **First Author:** Lee, C.H., University of Florida, Neuroscience, chlee@mbi.uf.edu **PI:** Fernandez-Funez, P., University of Florida, Neurology, pedro.fernandez@neurology.ufl.edu **Category:** Biology **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** Yes **Director's Recommendation:** Yes **Director's Comments:** None	Edited
247	**Title:** Morphology-Dependent HIV-Enhancing Effect of Semen-Derived Enhancer of Viral Infection **First Author:** Jeon, J., University of Central Florida, Physics, jkjeon@knights.ucf.edu **PI:** Chen, B., University of Central Florida, Physics, Bo.Chen@ucf.edu **Category:** Biology **Facility:** NMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** None	Edited
193	**Title:** Solid State NMR Structural Studies of Proteorhodopsin **First Author:** Ward, M.E., University of Guelph, Physics and Biophysics, mward01@uoguelph.ca **PI:** Ladizhansky, V., University of Guelph, Physics and Biophysics, vladizha@uoguelph.ca **Category:** Biology **Facility:** NMR Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** None	Edited
	Title: NMR Imaging of Drought-Induced Vessel Blockage and Restoration Of Hydraulic Conductivity in	

226	Citrus and Blueberry Plants **First Author:** Brodersen, C.R., University of Florida, Horticultural Science, brodersen@ufl.edu **PI:** Brodersen, C.R., University of Florida, Horticultural Science, brodersen@ufl.edu **Category:** Biology **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
227	**Title:** Structure Characterization of Transmembrane Protein Rhodanese YgaP by EPR **First Author:** Ling, S., Univerisity of Science and Techology of China, lsl924@mail.ustc.edu.cn **PI:** Tian, C., Univerisity of Science and Techology of China, cltian@ustc.edu.cn **Category:** Biology **Facility:** EMR Facility **UCGP: Yes** **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
253	**Title:** Magnetic Resonance Imaging of Gadolinium-Filled Neurophilic Lipid Nanoparticles **First Author:** Tari, A.M., University of Florida, Neuroscience, anamtari@ufl.edu **PI:** Tari, A.M., University of Florida, Neuroscience, anamtari@ufl.edu **Category:** Biology **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
264	**Title:** Use of Ultra-High Field Magnetic Resonance Imaging to Evaluate the Effects of Zinc and Ethanol in Traumatic Brain Injury **First Author:** Morris, D.R., Florida State University College of Medicine, Biomedical Sciences, deborah.morris@med.fsu.edu **PI:** Levenson, C.W., Florida State University College of Medicine, Biomedical Sciences, cathy.levenson@med.fsu.edu **Category:** Biology **Facility:** NMR Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
269	**Title:** Determining the Embryonic Origin of Primate Encephalization via High Resolution MRI **First Author:** Halley, A.C., UC Berkeley, Anthropology, drewhalley@berkeley.edu **PI:** Deacon, T.W., UC Berkeley, Anthropology, deacon@berkeley.edu **Category:** Biology **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
281	**Title:** Cortical Connectivity in Excised Rat Brain with Thyroid Hormone Deficiency **First Author:** Colon-Perez, L.M., University of Florida, colonl@phys.ufl.edu **PI:** Mareci, T.H., University of Florida, thmareci@ufl.edu **Category:** Biology **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
308	**Title:** Monitoring Skeletal Muscle Changes in Dystrophin and Laminin-α2 Deficient Mice **First Author:** Vohra, R., Post Doctoral Associate, Physiology and Functional Genomics, ravneet@ufl.edu **PI:** Walter, G., Associate Professor, Physiology and Functional Genomics, glennw@ufl.edu **Category:** Biology **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
	Title: Myocardial and Skeletal Muscle T2 is Reduced in γ-Sarcoglycan Deficient Mice at 7 Months of Age **First Author:** Forbes, S.C., University of Florida, scforbes@ufl.edu	

312	**PI:** Walter, G.A., University of Florida, glennw@UFL.EDU **Category:** Biology **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
313	**Title:** 17.6T MR Microscopy of Movement Disorders as a Guide for Deep Brain Stimulation **First Author:** Morishita, T.M., University of Florida, Neurosurgery, takashi.morishita@neurosurgery.ufl.edu **PI:** Foote, K.D.F., University of Florida , Neurosurgery, foote@neurosurgery.ufl.edu **Category:** Biology **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
316	**Title:** Interaction of the Amino-proximal Domain of Prion Protein with Lipids and Ligands Defined by EPR **First Author:** Ling, S., NHMFL, sling@magnet.fsu.edu **PI:** Song, L., NHMFL, song@magnet.fsu.edu **Category:** Biology **Facility:** EMR Facility **UCGP:** Yes **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
378	**Title:** Determination of the Conformation and Geometry of Bacterial Pilin Proteins in an Artificial Membrane **First Author:** Wi, S., NHMFL, sungsool@magnet.fsu.edu **PI:** Melville, S., Virginia Tech, Biological Sciences, melville@vt.edu **Category:** Biology **Facility:** NMR Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
414	**Title:** Solid-State NMR Structural Studies of Transthyrentin Amyloid **First Author:** Lim, H., East Carolina University , Chemistry, limk@ecu.edu **PI:** Lim, H., East Carolina University , Chemistry, limk@ecu.edu **Category:** Biology **Facility:** NMR Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
427	**Title:** Structural Integrity Changes Following Severe Contusion Injury **First Author:** Lim , W., UF, Physical Therapy, wootaek@phhp.ufl.edu **PI:** Vandenborne, K., UF, Physical Therapy, kvandenb@phhp.ufl.edu **Category:** Biology **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
435	**Title:** Quantitative MR Microscopy of Ex Vivo Normal and Diseased Human Cortex **First Author:** Shepherd, T.M., NYU, Neuroradiology, timothy.shepherd@nyumc.org **PI:** Shepherd, T.M., NYU, Neuroradiology, timothy.shepherd@nyumc.org **Category:** Biology **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** Yes **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
437	**Title:** Magnetic Resonance and Optical Imaging as Biomarkers for Muscle Injury **First Author:** Chrzanowski , S., UF , Physiology, stevechrzanowski@ufl.edu **PI:** Walter, G., UF , Physiology, glennw@ufl.edu **Category:** Biology **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No	Edited

	Director's Recommendation: No **Director's Comments:** None	
20	**Title:** Brain Activation Differences in Tremor and Non-Tremor Dominant Parkinson's Disease **First Author:** Kurani, A.J., University of Florida, Applied Physiology and Kinesiology, ajay.kurani@gmail.com **PI:** Vaillancourt, D.E., University of Florida, Applied Physiology and Kinesiology, vcourt@ufl.edu **Category:** Biology **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Published in** JAMA Neurology 70/1/100-106 **Sign. Achievement: Yes** **Director's Recommendation: No** **Director's Comments:** None	Edited
96	**Title:** Characterization of Brain Morphology in Mucopolysaccharidosis Type IIIB Affected Mice Using Magnetic Resonance Imaging **First Author:** Gilkes, J., UF, janine.gilkes@medicine.ufl.edu **PI:** Heldermon, C., UF, coy.heldermon@medicine.ufl.edu **Category:** Biology **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
Total Reports: 24		