List Of 2013 Reports

ID#	Title, First Author, and Category	Status
21	**Title:** A Pseudo-Atomic Model of the COPII Cage Obtained from Cryoemand Mass Spectrometry Analyses **First Author:** Noble, A.J., FSU, Biophysics, ajn10d@fsu.edu **PI:** Stagg, S.M., FSU, Chemistry, sstagg@fsu.edu **Category:** Biochemistry **Facility:** ICR Facility **UCGP:** No **VSP:** No **Published in** Nature Struct. Mol. Biol. ., 20, 167-174 (2013) **Sign. Achievement: Yes** **Director's Recommendation: Yes, definitely** **Director's Comments:** None	Edited
22	**Title:** Unequivocal Determination of Site-Specific Protein Disulfide Bond Reduction Potentials by Top-down FT-ICR MS: Characterization of the N- and C-Terminal Redox-Active Sites in Human Thioredoxin 1 **First Author:** Scotcher, J., NHMFL ICR Program, jenna.scotcher@kcl.ac.uk **PI:** Marshall, A.G., NHMFL ICR Program, FSU, Chemistry & Biochemistry, marshall@magnet.fsu.edu **Category:** Biochemistry **Facility:** ICR Facility **UCGP:** No **VSP:** No **Published in** Anal. Chem. 85, 9164-9172 (2013) **Sign. Achievement: Yes** **Director's Recommendation: Yes, definitely** **Director's Comments:** None	Edited
250	**Title:** Solid-State NMR Structural and Dynamics Studies of HIV-1 Protein Assemblies **First Author:** Hou, G., University of Delaware, Chemistry and Biochemistry **PI:** Polenova, T., University of Delaware, Chemistry and Biochemistry, tpolenov@mail.chem.udel.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Published in** J. Am. Chem. Soc. 135/47/17793-17803 (featured as JACS Spotlight); 134/6455-6466 **Sign. Achievement: Yes** **Director's Recommendation: Yes, definitely** **Director's Comments:** None	Edited
160	**Title:** Modeling Membrane Architecture with Spherical Nanoparticle Supported Lipid Bilayers **First Author:** Fu, R., NHMFL, rfu@magnet.fsu.edu **PI:** Tian, F., Penn State University, College of Medicine, ftian@psu.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement: Yes** **Director's Recommendation: Yes** **Director's Comments:** None	Edited
103	**Title:** Polarization Phase Selective (PPS) Studies of Biosystems: New Split-Florida Helix Magnet (SFHM) Configurations **First Author:** Rupnik, K.R., Louisiana State University, Chemistry, chrupn@lsu.edu **PI:** Rupnik, K.R., Louisiana State University, Chemistry, chrupn@lsu.edu **Category:** Biochemistry **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement: Yes** **Director's Recommendation: Yes** **Director's Comments:** If this is going to be used as a highlight it needs some editing.	Edited
246	**Title:** Quantification of µs-ms Dynamics Responsible for the Kinetic Cooperativity Effect in Human Pancreatic Glucokinase **First Author:** Larion, M., Florida State University, Chemistry and Biochemistry, mlarion@chem.fsu.edu **PI:** Brüschweiler, R., Ohio State University, Chemistry and Biochemistry, bruschweiler.1@osu.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: Yes** **Director's Comments:** None	Edited
388	**Title:** Solid-State NMR Reveals the Transmembrane Structure and Dynamics of Microsomal Cytochrome P450 Reductase **First Author:** Huang, R., University of Michigan, Chemistry, ruihuang@umich.edu **PI:** Ramamoorthy, A., University of Michigan, Chemistry, ramamoor@umich.edu **Category:** Biochemistry **Facility:** NMR Facility	Edited

	UCGP: No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** None	
398	**Title:** Characterization of Hydrogen Bonding In Amphiphilic Peptide Helices via REDOR **First Author:** Mehta, A., Emory University, anil.mehta@emory.edu **PI:** Long, J.R., University of Florida, jrlong@mbi.ufl.edu **Category:** Biochemistry **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
416	**Title:** A Metabolomic Analysis of Very-Long Chain Acyl-CoA Dehydrogenase Deficient and Corrected Mice **First Author:** Lee-McMullen, B.A., University of Florida, Physiology and Functional Genomics, balm22@ufl.edu **PI:** Walter, G.A., University of Florida, University of Florida, glennw@ufl.edu **Category:** Biochemistry **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
8	**Title:** Conformational Epitope Mapping of Pru du 6, a Major Allergen from Almond Nut **First Author:** Zhang, Q, NHMFL/FSU, Ion Cyclotron Resonance, qzhang@magnet.fsu.edu **PI:** Roux, K.H., FSU, Dept of Biological Science, roux@bio.fsu.edu **Category:** Biochemistry **Facility:** ICR Facility **UCGP:** No **VSP:** No **Published in** Molecular Immunology 55, 253-263 **Sign. Achievement: Yes** **Director's Recommendation: No** **Director's Comments:** None	Edited
130	**Title:** Nucleotide-Induced Conformational Changes of Tetradecameric GroEL Mapped by Hydrogen/Deuterium Exchange Monitored by Ultrahigh Resolution 14.5 T FT-ICR Mass Spectrometry **First Author:** Zhang, Q., FSU, Biophysics, qian.zhang@merck.com **PI:** Marshall, A.G., NHMFL/FSU, ICR, marshall@magnet.fsu.edu **Category:** Biochemistry **Facility:** ICR Facility **UCGP:** No **VSP:** No **Published in** Scientific Reports 3, 1247 (2013) **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
131	**Title:** High-field EPR Study of the Novel MetTyrTrp Cofactor Radical in Catalase-peroxidase **First Author:** Bawn, M., CUNY Brooklyn College, RMaglioz@brooklyn.cuny.edu **PI:** Magliozzo, R.S., CUNY Brooklyn College, RMaglioz@brooklyn.cuny.edu **Category:** Biochemistry **Facility:** EMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
184	**Title:** High-Field EPR of Wild-Type Oxalate Decarboxylase Immobilized on IMAC-Resin **First Author:** Angerhofer, A, University of Florida, Department of Chemistry, alex@chem.ufl.edu **PI:** Angerhofer, A, University of Florida, Department of Chemistry, alex@chem.ufl.edu **Category:** Biochemistry **Facility:** EMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
201	**Title:** Utilization of HPLC-ELSD for the Separation and Detection of Detergents and Lipids in Proteoliposomes Samples Prepared for ssNMR experiments **First Author:** Griffin, J.M.G., FSU, NHMFL, Chemistry and Biochemistry, jgriffin@chem.fsu.edu **PI:** Cross, T.A.C., FSU, NHMFL, Chemistry and Biochemistry, IMB, cross@magnet.fsu.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No	Edited

	Director's Recommendation: No **Director's Comments:** None	
211	**Title:** Interhelical Correlations for a Helical Membrane Protein from Magic Angle Spinning Solid State NMR **First Author:** Murray, D.T., FSU and NHMFL, Molecular Biophysics, dmurray@magnet.fsu.edu **PI:** Cross, T.A., FSU and NHMFL, Chemistry and Biochemistry, cross@magnet.fsu.edu **Category:** Biochemistry **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
214	**Title:** Effect of I63P on HIV-1 Protease Backbone Dynamics **First Author:** Huang, X., University of Florida, Chemistry, rochellehx@ufl.edu **PI:** Huang, X., University of Florida, Chemistry, rochellehx@ufl.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
242	**Title:** Dynamics of Ala_{29} on the Transmembrane Segment of the Influenza A M2 Proton Channel **First Author:** Paulino, J., FSU, Institute of Molecular Biophysics, jp10h@my.fsu.edu **PI:** Cross, T.A., FSU, Department of Chemistry and Biochemistry, cross@magnet.fsu.edu **Category:** Biochemistry **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
28	**Title:** The Identification of CXCR1 Residues Critical for Interleukin-8 Binding **First Author:** Kendrick, M.H., Agnieszka, Biochemistry and Molecular Genetics, Agnieszka.Kendrick@ucdenver.edu **PI:** Eisenmesser, Z., University of Colorado Denver, Biochemistry & Molecular Genetics, Elan.Eisenmesser@ucdenver.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Submitted to** Protein Science **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
46	**Title:** Characterization of Novel Sequiterpenoid Phytoalexins in Zea Mays **First Author:** Sims, J., USDA-ARS CMAVE, james.sims@ars.usda.gov **PI:** Schmelz, E.A., USDA-ARS CMAVE, eric.schmelz@ars.usda.gov **Category:** Biochemistry **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
58	**Title:** Effect of Subdomain Interactions on Methyl Group Dynamics in the Hydrophobic Core of Villin Headpiece Protein **First Author:** Vugmeyster, L.V., University of Alaska Anchorage, Chemistry, aflv@uaa.alaska.edu **PI:** Vugmeyster, L.V., University of Alaska Anchorage, Chemistry, aflv@uaa.alaska.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Accepted by** Protein Science **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
88	**Title:** Studying the Molecular Mechanism of Peptidyl Prolyl Isomerase Pin1 **First Author:** Eichner, T.E., Brandeis University, Biochemistry, teichner@brandeis.edu **PI:** Kern, D.K., Brandeis University, Biochemistry, dkern@brandeis.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited

94	**Title:** Structural Switch of Lysyl-tRNA Synthetase between Translation and Transcription **First Author:** Ofir-Birin, Y., Hebrew University, Biochemistry, guomin@scripps.edu **PI:** Guo, M., Scripss Research Institute, Biology, guomin@scripps.edu **Category:** Biochemistry **Facility:** ICR Facility **UCGP:** No **VSP:** No **Published in** Mol. Cell 49, 30-42 (2013) **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
100	**Title:** Rapid Screening for Potential Epitopes Reactive with a Polycolonal Antibody by Solution-Phase H/D Exchange Monitored by FT-ICR Mass Spectrometry **First Author:** Zhang, Q., FSU, Biophysics, qian.zhang@merck.com **PI:** Roux, K.H., FSU, Biology, roux@bio.fsu.edu **Category:** Biochemistry **Facility:** ICR Facility **UCGP:** No **VSP:** No **Published in** J. Am. Soc. Mass Spectr. 24, 1016-1025 (2013) **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
102	**Title:** Top-Down Structural Analysis of an Intact Monoclonal Antibody by Electron Capture Dissociation Fourier Transform Ion Cyclotron Resonance Mass Spectrometry **First Author:** Mao, Y., FSU, Chemistry & Biochemistry, yuan.mao@regeneron.com **PI:** Marshall, A.G., NHMFL/FSU, ICR, marshall@magnet.fsu.edu **Category:** Biochemistry **Facility:** ICR Facility **UCGP:** No **VSP:** No **Published in** Anal. Chem. 85, 4239-4246 (2013) **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
256	**Title:** Developing DNP Mixtures with Long T1s for In Vivo Metabolomics **First Author:** Downes, D.P.D., University of Florida, Biochemistry and Molecular Biology, downesdp@ufl.edu **PI:** Long, J.R.L., University of Florida, Biochemistry and Molecular Biology, jrlong@mbi.ufl.edu **Category:** Biochemistry **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
276	**Title:** Solid-State NMR Characterization of s31n m2 Transmembrane Domain Bound to Novel Adamantanes with Persistent in vitro Efficacy **First Author:** Wright, A.K., FSU/NHMFL, Molecular Biophysics, ask09d@my.fsu.edu **PI:** Cross, T.A., FSU/NHMFL, Chemistry/Molecular Biophysics, cross@magnet.fsu.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
290	**Title:** Structural Characterization of FtsX by Solid-state NMR **First Author:** Escobar, C.A., FSU, NHMFL, ce10@my.fsu.edu **PI:** Cross, T.A., FSU, NHMFL, cross@magnet.fsu.edu **Category:** Biochemistry **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
291	**Title:** Solution NMR Structural Studies of a Surfactant Peptide, SP-B_{1-25} **First Author:** Smith, A.N.S., University of Florida, Chemistry, adams@ufl.edu **PI:** Long, J.R.L., University of Florida, Biochemistry & Molecular Biology, jrlong@mbi.ufl.edu **Category:** Biochemistry **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: NMR Studies of the AAV Capsid Minor Viral Protein 1 Unique Region (VP1)	

293	**First Author:** Lins, B.L., University of Florida, Biochemistry & Molecular Biology, blins@ufl.edu **PI:** Agbandje-McKenna, M.M., University of Florida, Biochemistry & Molecular Biology, mckenna@ufl.edu **Category:** Biochemistry **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
294	**Title:** Solid State ^{2}H NMR Characterization of BMP Membranes **First Author:** Smith, A.N.S., University of Florida, Chemistry, adams@ufl.edu **PI:** Long, J.R.L., University of Florida, Biochemistry & Molecular Biology, jrlong@mbi.ufl.edu **Category:** Biochemistry **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
296	**Title:** Dynamic Visualization of Cell Wall Deconstruction during Pretreatment and Enzymatic Hydrolysis Using MRI **First Author:** Zeng, J.Z., University of Florida, ABE, zengjijiao@ufl.edu **PI:** Pan, X.P., University of Wisconcin, BSE, xpan@wisc.edu **Category:** Biochemistry **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
298	**Title:** A Natural Abundance ^{13}C NMR Approach for Metabolomic Studies of Complex Mixtures **First Author:** Clendinen, C.S., University of Florida, Biochemistry and molecular biology, csclendinen@ufl.edu **PI:** Edison, A.S., University of Florida, Biochemistry and molecular biology, aedison@ufl.edu **Category:** Biochemistry **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
299	**Title:** Natural Abundance Applications to ^{13}C Metabolomics **First Author:** Lee-McMullen, B.A.L.M., University of Florida, Biochemistry and Molecular Biology, balm22@ufl.edu **PI:** Edison, A.S.E., University of Florida, Biochemistry and Molecular Biology, aedison@ufl.edu **Category:** Biochemistry **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
300	**Title:** Biomarker Discovery in Duchenne Muscular Dystrophy Through Global Metabolomic Analysis **First Author:** Lee-McMullen, B.A.L.M., University of Florida, Biochemistry and Molecular Biology, balm22@ufl.edu **PI:** Walter, G.A.W., Physiology and Functional Genomics, Biochemistry and Molecular Biology, glennw@ufl.edu **Category:** Biochemistry **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
301	**Title:** Structural Determination of the Active Anti Cancer Molecule in Achyranthes Aspera **First Author:** Pochi, S.R., University of Miami, SPochi@med.miami.edu **PI:** Pochi, S.R., University of Miami, SPochi@med.miami.edu **Category:** Biochemistry **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: Structural Studies of Adhesion Protein P1	

303	**First Author:** Tang, W.T., University of Florida, Biochemistry and Molecular Biology, tangwenxing@gmail.com **PI:** Long, J.R.L., University of Florida, Biochemistry and Molecular Biology, jrlong@mbi.ufl.edu **Category:** Biochemistry **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
304	**Title:** Structural Analysis of the C-Terminus of Lung Surfactant Protein B (SP-B) **First Author:** Tang, W.T., University of Florida, Biochemistry and Molecular Biology, tangwenxing@gmail.com **PI:** Long, J.R.L., University of Florida, Biochemistry and Molecular Biology, jrlong@mbi.ufl.edu **Category:** Biochemistry **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
305	**Title:** Structural Study Of Human Peroxiredoxin 6 **First Author:** Tang, W.T., University of Florida, Biochemistry and Molecular Biology, tangwenxing@gmail.com **PI:** Long, J.R.L., University of Florida, Biochemistry and Molecular Biology, jrlong@mbi.ufl.edu **Category:** Biochemistry **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
311	**Title:** ^{13}C-Enriched Global Metabolomics Approach Using 2D ^{13}C NMR **First Author:** Clendinen, C.S., University of Florida, Department of Biochemistry and Molecular Biology, csclendinen@ufl.edu **PI:** Edison, A.S., University of Florida, Department of Biochemistry and Molecular Biology, aedison@ufl.edu **Category:** Biochemistry **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
336	**Title:** Solid-State NMR Structural Studies of Transthyrentin Amyloid **First Author:** Lim, K.H., East Carolina University, Chemistry, limk@ecu.edu **PI:** Lim, K.H., East Carolina University, Chemistry, limk@ecu.edu **Category:** Biochemistry **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
344	**Title:** Disruptive Effects of Antimicrobial Piscidin on Cancer Cell Mimics: A Solid-State Deuterium NMR Study **First Author:** Cotten, M., Hamilton College, Chemistry, mcotten@hamilton.edu **PI:** Cotten, M., Hamilton College, Chemistry, mcotten@hamilton.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
348	**Title:** Full length M2 Protein Structural Characterization **First Author:** Miao, Y., FSU, Chemistry; NHMFL, miao@magnet.fsu.edu **PI:** Cross, T., FSU, Chemistry; NHMFL, cross@magnet.fsu.edu **Category:** Biochemistry **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
	Title: Identify Inter-helical Distances of Full-length Influenza A M2 (M2FL) Protein from ^{13}C-DARR NMR	

353	Experiments **First Author:** Ekanayake, E.V., FSU, Chemistry, Ekanayake@magnet.fsu.edu **PI:** Cross, T.A., FSU, Chemistry, cross@magnet.fsu **Category:** Biochemistry **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
354	**Title:** Mtb Cell Division Membrane Protein "CrgA" Structure Studied by ssNMR Spectroscopy **First Author:** Das, N., FSU, IMB, NHMFL, nd08j@my.fsu.edu **PI:** Cross, T.A., FSU, Dept. Chemistry and Biochemistry, IMB, NHMFL, cross@magnet.fsu.edu **Category:** Biochemistry **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
372	**Title:** Study of the Enzymatic Activity of COG3236 Protein on Riboflavin Intermediates **First Author:** Frelin, O., University of Florida, Horticultural Sciences Department, oceane.frelin@gmail.com **PI:** Hanson, A.D., University of Florida, Horticultural Sciences Department, adha@ufl.edu **Category:** Biochemistry **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
387	**Title:** Mössbauer Studies of a Non-Heme Iron-Nitrosyl Center in a Biosynthetic Model of Nitric Oxide Reductases in Myoglobin Containing Zn-Protoporphyrin IX **First Author:** Chakraborty, S., University of Illinois, Chemistry, saumenrkm@gmail.com **PI:** Schulz, C., Knox College, Physics, cschulz@knox.edu **Category:** Biochemistry **Facility:** EMR Facility **UCGP:** **Yes** **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
Total Reports: 46		