List Of 2014 Reports

ID#	Title, First Author, and Category	Status
357	**Title:** Multiplexed Nominal Mass and Sub-Da Isotopologue Quantitative Proteomic Reagents **First Author:** Ficarro, S.B., Dana Farber Cancer Institute, Harvard U. Medical School, Biological Chemistry, jarrod_marto@dfci.harvard.edu **PI:** Marto, J.A., Dana Farber Cancer Institute, Harvard U. Medical School, Biological Chemistry, jarrod_marto@dfci.harvard.edu **Category:** Biochemistry **Facility:** ICR Facility **UCGP:** No **VSP:** No **Published in** J. Am. Soc. Mass Spectr. 25/636-650 **Sign. Achievement:** Yes **Director's Recommendation:** Yes, definitely **Director's Comments:** None	Editing
31	**Title:** Toxic Ipomeamarone Accumulation in Healthy Parts of Sweetpotato (Ipomoea batatas L. Lam) Storage Roots on Infection by Rhizopus stolonifer **First Author:** Wamalwa, L., International Potato Center, Nairobi, Kenya, L.Wamalwa@cgiar.org **PI:** Ghislain, M., International Potato Center, Nairobi, Kenya, M.Ghislain@cgiar.org **Category:** Biochemistry **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Accepted by** J. Agricultural and Food Chemistry **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** A user from Africa and work is in press.	Editing
364	**Title:** A Natural Abundance 13C NMR Approach for Metabolomic Studies of Complex Mixtures **First Author:** Clendinen, CS, University of Florida, Biochemistry and Molecular Biology, csclendinen@ufl.edu **PI:** Edison, AS, University of Florida, Biochemistry and Molecular Biology, aedison@ufl.edu **Category:** Biochemistry **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Published in** Anal. Chem. **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** Nice published work showcasing HTS probe	Editing
380	**Title:** Solid-State NMR Based Monitoring of Permeation of Cell Penetrating Peptides into Skin **First Author:** Desai, P.R., Florida A&M University, College of Pharmacy and Pharmaceutical Sciences, pinaki.desai@avevadds.com **PI:** Paravastu, A.K., Florida State University, Chemical and Biomedical Engineering, aparavastu@fsu.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Published in** European Journal of Pharmaceutics and Biopharmaceutics 86, 190-199 **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** None	Editing
384	**Title:** Structure and Disorder in the CrgA Cell Division Protein from M. tuberculosis **First Author:** Das, N., FSU, IMB, MagLab, Cross@magnet.fsu.edu **PI:** Cross, T.A., FSU, Chem & Biochem, IMB, cross@magnet.fsu.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Accepted by** P. Natl. Acad. Sci. U.S.A. vol 122 **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** None	Editing
144	**Title:** Long Range DARR 13C-13C Correlation Experiments on HuPrP23-144 Fibrils **First Author:** Aucoin, D.S., Ohio State University, Chemistry Department, aucoin.15@osu.edu **PI:** Jaroniec, C.P., Ohio State University, Chemistry Department, jaroniec@chemistry.ohio-state.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	Editing
395	**Title:** Chemical Inhibition of Prometastatic Lysyl-tRNA Synthetase–Laminin Receptor Interaction **First Author:** Kim, DF, Seoul National Universitiy, Medicine, sungkim@snu.ac.kr **PI:** Guo, M, Scripps Florida, Cancer Biology, guomin@scripps.edu **Category:** Biochemistry **Facility:** ICR Facility **UCGP:** No **VSP:** No **Published in** Nature Chemical Biology 10 (1), 29-34 (2014)	Editing

	Sign. Achievement: Yes **Director's Recommendation:** Yes **Director's Comments:** None	
396	**Title:** The First Pilot Project of the Consortium for Top-Down Proteomics: A Status Report **First Author:** Dang, X, Florida State University, Chemistry & Biochemistry, xdang@magnet.fsu.edu **PI:** Kelleher, NL, Northwestern University, Chemistry, n-kelleher@northwestern.edu **Category:** Biochemistry **Facility:** ICR Facility **UCGP:** No **VSP:** No **Published in** Proteomics 14, 1130-1140 (2014) **Sign. Achievement:** Yes **Director's Recommendation:** Yes **Director's Comments:** None	Editing
449	**Title:** Delineation of the Dynamic Properties of Individual Lipid Species in Native and Synthetic Pulmonary Surfactants **First Author:** Farver, S., Troy University, rsfarver@gmail.com **PI:** Long, J.R., University of Florida, jrlong@mbi.ufl.edu **Category:** Biochemistry **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Published in** Biochim. Biophys. Acta 1848 (1B), 203–210 (2015) **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** Published in BBA	Editing
450	**Title:** Residue Specific Partitioning Of KL4 into Phospholipid Bilayers **First Author:** Long, J.R., University of Florida, jrlong@mbi.ufl.edu **PI:** Long, J.R., University of Florida, jrlong@mbi.ufl.edu **Category:** Biochemistry **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Published in** Biochim. Biophys. Acta 1838 (12), 3212–3219 (2014) **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
458	**Title:** Metabolomic Analysis of Urine to Track Disease Progression in Duchenne Muscular Dystrophy **First Author:** Lee-McMullen, B, University of Florida , Physiology, balm22@ufl.edu **PI:** Walter, GA, University of Florida, Physiology, glennw@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	Editing
459	**Title:** Biomarker Discovery in Duchenne Muscular Dystrophy Through Global Metabolomic Analysis **First Author:** Lee-McMullen, B, University of Florida, Physiology, balm22@ufl.edu **PI:** Walter, GA, University of Florida, Physiology, glennw@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	Editing
476	**Title:** In Vivo Metabolomics in Mice with Glycogen Storage Disease **First Author:** Baligand, C, UF, Physiology, baligand@ufl.edu **PI:** Walter, GA, UF, Physiology, glennw@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	Editing
478	**Title:** Global Metabolomics of Complications in Pregnancy **First Author:** Walejko, JW, University of Florida, Biochemistry & Molecular Biology, jwalejko@ufl.edu **PI:** Edison, AE, University of Florida, Biochemistry & 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	Editing
	Title: Validating a Proposed Mechanism for Cyclophilin-A	

13	**First Author:** Holliday, M.H., University of Colorado Denver, Biochemistry, Michael.Holliday@ucdenver.edu **PI:** Eisenmesser, E.Z.E., University of Colorado Denver, Biochemistry, Elan.Eisenmesser@ucdenver.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Published in** P. Natl. Acad. Sci. U.S.A. **Sign. Achievement: Yes** **Director's Recommendation: No** **Director's Comments:** None	Editing
14	**Title:** IL-8 Does Not Dissociate Upon Binding to its CXCR1 N-Terminus **First Author:** Kendrick, A.K., University of Colorado Denver, Biochemistry, Agnieszka.Kendrick@ucdenver.edu **PI:** Eisenmesser, E.Z.E., University of Colorado Denver, Biochemistry, Elan.Eisenmesser@ucdenver.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Published in** Protein Science **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
424	**Title:** SECIM NMR Workflow for Metabolite Profiling of Biofluids **First Author:** Tayyari,F., Postdoctoral Associate, Biochemistry and Molecular Biology, ftayyari@ufl.edu **PI:** Edison, A.S., Professor, Director of SECIM, 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	Editing
429	**Title:** Skeletal Muscle 1H2O T2 Analyzed for Multiple Components in mdx Mice after Downhill Running **First Author:** Forbes, SC, University of Florida, Physical Therapy, scforbes@ufl.edu **PI:** Forbes, SC, University of Florida, Physical Therapy, scforbes@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	Editing
436	**Title:** Characterization of Novel Acidic Sequiterpenoid Phytoalexins in Maize **First Author:** Schmelz, A, UCSD, Division of Biological Sciences, eschmelz@ucsd.edu **PI:** Schmelz, A, UCSD, Division of Biological Sciences, eschmelz@ucsd.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	Editing
439	**Title:** Enzymatic Detoxifying Systems for Diet-derived Chemicals in Herbivorous Marine Fish **First Author:** Biggs, J.S., University of Guam Marine Laboratory, biggs.js@gmail.com **PI:** Biggs, J.S., University of Guam Marine Laboratory, biggs.js@gmail.com **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	Editing
444	**Title:** Biomarker Discovery and Metabolic Profiling in Plasma for Non-Alcoholic Steatohepatitis **First Author:** Sunny, NE, University of Florida, Medicine, nishanth.sunny@medicine.ufl.edu **PI:** Cusi, K, University of Florida, Medicine, kenneth.cusi@medicine.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	Editing
446	**Title:** NMR Studies of the AAV Capsid Minor Viral Protein 1 Unique Region (VP1) **First Author:** Poole, K., University of Florida, kmpoole1@ufl.edu **PI:** Agbandje-McKenna, M., University of Florida, mckenna@ufl.edu **Category:** Biochemistry **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation	Editing

	Sign. Achievement: No **Director's Recommendation: No** **Director's Comments:** None	
155	**Title:** Ultrafast Polarization Phase Selective (PPS) Studies: Areas of Fundamental Significance to Biochemistry/Biophysics **First Author:** Rupnik, K, LSU, Chemistry, chrupn@lsu.edu **PI:** Rupnik, K, LSU, 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: No** **Director's Comments:** None	Editing
174	**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:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
181	**Title:** Dissolution Dynamic Nuclear Polarization for in vivo Application **First Author:** Downes, DPD, University of Florida, Biochemistry and Molecular Biology, daniel.downes@neurosurgery.ufl.edu **PI:** Long, JRL, 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	Editing
196	**Title:** Explore Novel Drugs To Target HIV RNA for AIDS Therapy **First Author:** Qi, XQ, University of Florida, Medicinal Chemistry, xqi@cop.ufl.edu **PI:** Qi, XQ, University of Florida, Medicinal Chemistry, xqi@cop.ufl.edu **Category:** Biochemistry **Facility:** MBI-UF AMRIS **UCGP:** No **VSP:** No **Published in** Biochemistry 53, 675-681 (2014) **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
275	**Title:** Site-Directed Spin Labeling W-Band Study of Local RNA Base Dynamics in the Glycine Riboswitch Kink-Turn Motif using HiPER **First Author:** Esquiaqui, JME, University of Florida, Chemistry, Jesquiaqui@ufl.edu **PI:** Fanucci, GEF, Unversity of Florida, Chemistry, gefanucci@gmail.com **Category:** Biochemistry **Facility:** EMR Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
293	**Title:** Sensitivity Comparison of W-band EPR Instruments and Dynamics Investigation of Spin-labeled IA3 by HiPER **First Author:** Liu, Z.L., University of florida, Department of Chemistry, zlliu@chem.ufl.edu **PI:** Fanucci, G. E., University of florida, Department of Chemistry, fanucci@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	Editing
294	**Title:** Effect of Single Point Mutation (I63P) and Subtype Polymorphisms of HIV-1Protease on Backbone Dynamics **First Author:** Huang, X., University of florida, Department of Chemistry, huangxi987412@gmail.com **PI:** Fanucci, G.E., University of florida, Department of Chemistry, fanucci@chem.ufl.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP:** No **VSP:** No **Published in** J. Biol. Chem. 289/17203-17214	Editing

	Sign. Achievement: No **Director's Recommendation: No** **Director's Comments:** None	
322	**Title:** Coherence Signatures in the Cryptophyte Protein PC645 in a 25 T Magnetic Field **First Author:** Bishop, M.M., National High Magnetic Field Lab, bishop@magnet.fsu.edu **PI:** Scholes, G.D., Princeton University, gscholes@princeton.edu **Category:** Biochemistry **Facility:** DC Field Facility **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
323	**Title:** Structure Determination of Membrane Curvature Sensitive Molecules Using Spherical (Nanoparticle) Supported Lipid Bilayers and Solid-State MAS NMR **First Author:** Fu, R., NHMFL, rfu@magnet.fsu.edu **PI:** Tian, F., PSU, Biochemistry and Molecular Biology, ftian@psu.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	Editing
340	**Title:** Elucidating the Mechanism of M2 Proton Channel Inhibition Using Solid-State NMR to Aid in Design of Compounds with Broad Specificity **First Author:** Wright, AK, NHMFL, Institute of Molecular Biophysics, ask09d@my.fsu.edu **PI:** Cross, TA, NHMFL, Biochemistry, 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	Editing
343	**Title:** pH Dependent Conformational Change of Full-Length Influenza A M2 (M2FL) Protein Observed from Unambiguous Distance Measurement from Solid-state NMR Experiments **First Author:** Ekanayake , E.V., FSU, Chemistry, ekanayake@magnet.fsu.edu **PI:** Cross, T.A., FSU, Chemistry, 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	Editing
350	**Title:** The Histidine Tetrad of the M2 Proton Channel: Proton Selectivity and Conductance Explained **First Author:** Miao, YM, FSU, NHMFL, Chemistry and Biochemistry, miao@magnet.fsu.edu **PI:** Cross, TA, FSU, NHMFL, Chemistry and Biochemistry, 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	Editing
351	**Title:** Structural Characterization of ChiZ by Solution and Solid-state NMR **First Author:** Escobar, C.A., FSU/NHMFL, ce10@my.fsu.edu **PI:** Cross, T.A., FSU/NHMFL, Chemistry, 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	Editing
352	**Title:** Structure Study of the Full-length M2 Proton Channel in Membrane Bilayers **First Author:** Tang, T, FSU; NHMFL, Chemistry, tctangb15@gmail.com **PI:** Cross, TA, FSU; NHMFL, Chemistry, 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**	Editing

	Director's Comments: None	
355	**Title:** Structural Analysis of the C-Terminus of Lung Surfactant Protein B (SP-B) **First Author:** Tang, W, University of Florida, tangwenxing@gmail.com **PI:** Long, JR, University of Florida, 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	Editing
356	**Title:** Biophysical Mass Spectrometry for Biopharmaceutical Process Development: Focus on Hydrogen/Deuterium Exchange **First Author:** Bou-Assaf, G.M., Biogen Idec, george.bou-assaf@biogenidec.com **PI:** Marshall, A.G., NHMFL/FSU, Chemistry, marshall@magnet.fsu.edu **Category:** Biochemistry **Facility:** ICR Facility **UCGP:** No **VSP:** No **Published in** Biophysical Characterization of Proteins in Developing Biopharmaceuticals (Elsevier, Chenna, India) Chapter 12, pp. 307-339 **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
388	**Title:** Identification of Pheromones from Entomopathogenic Nematodes **First Author:** Singh, P, University of Florida, Chemistry, psingh007@chem.ufl.edu **PI:** Butcher, RA, University of Florida, Chemistry, butcher@chem.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	Editing
389	**Title:** Identification of Novel Pheromones from Caenorhabditis elegans using Comparative Metabolomics and Multi-dimensional NMR Spectroscopy **First Author:** Shou, Q., University of Florida, Chemistry, qingyao.shou@ufl.edu **PI:** Butcher, R.A., University of Florida, Chemistry, butcher@chem.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	Editing
365	**Title:** 13C-Enriched Global Metabolomics Approach Using Inadequate **First Author:** Clendinen, CS, University of Florida, Biochemistry and Molecular Biology, csclendinen@ufl.edu **PI:** Edison, AS, 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	Editing
366	**Title:** Structure Determination of LspA, an M. Tuberculosis Transmembrane Protein **First Author:** Mooney, V.L., NHMFL, FSU, Chemistry, victoria.mooney04@gmail.com **PI:** Cross, T.A., NHMFL, FSU, Chemistry, 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	Editing
371	**Title:** Millisecond Dynamics are Abolished in PHHI-like Activated Glucokinase Variants **First Author:** Larion, M, The Ohio State University, Chemistry and Biochemistry, larion.1@osu.edu **PI:** Bruschweiler, R, The Ohio State University, Chemistry and Biochemistry, bruschweiler.1@chemistry.ohio-state.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	Editing

377	**Title:** Manganese Redox States In Bacillus subtilis Oxalate Decarboxylase **First Author:** Twahir, U.T., University of Florida, Department of Chemistry, utwahir@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	Editing
378	**Title:** Solid State NMR Evidence for Antiparallel β-Sheet Structure Within Toxic Oligomers of Alzheimer's β-Amyloid Peptide **First Author:** Huang, D., Florida State University, Chemical and Biomedical Engineering, serena.huangdanting@gmail.com **PI:** Paravastu, A.K., Florida State University, Chemical and Biomedical Engineering, aparavastu@fsu.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP: Yes** **VSP:** No **Submitted to** J. Mol. Biol. **Sign. Achievement: Yes** **Director's Recommendation: No** **Director's Comments:** None	Editing
379	**Title:** Solid-State NMR Evidence of Coiled-Coil Interactions Within SAF Designer Peptide Nanofibers **First Author:** Leonard, S.R., Florida State University, Chemical and Biomedical Engineering, leonard.sarahr@gmail.com **PI:** Paravastu, A.K., Florida State University, Chemical and Biomedical Engineering, aparavastu@fsu.edu **Category:** Biochemistry **Facility:** NMR Facility **UCGP: Yes** **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
51	**Title:** Ultraviolet Photodissociation Enhances Top-Down Mass Spectrometry as Demonstrated on Green Fluorescent Protein Variants **First Author:** Dang, X., NHMFL, FSU, Department of Chemistry and Biochemistry, xdang@magnet.fsu.edu **PI:** Young, N.L., NHMFL, nyoung@magnet.fsu.edu **Category:** Biochemistry **Facility:** ICR Facility **UCGP:** No **VSP:** No **Accepted by** Proteomics 14, 1128-1129 **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
130	**Title:** Study of the Streptococcus mutans cell surface localized adhesin P1 protein using MAS NMR **First Author:** Tang, W., University of Florida, wtang@ufl.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	Editing
142	**Title:** Development of 13C R.F. coils and MR sequences for dissolution DNP experiments **First Author:** Collins, JHP, University of Florida, Biochemistry and Molecular Biology, jhpcollins@ufl.edu **PI:** Long, JR, 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	Editing
358	**Title:** Structural Studies of Adhesion P1 of Streptococcus mutans **First Author:** Tang, W, University of Florida, tangwenxing@gmail.com **PI:** Long, JR, University of Florida, jrlong@mbi.ufl.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	Editing
	Title: In Situ Study of Mycobacterium tuberculosis Membrane Proteins	

359	**First Author:** Qin, H, FSU, Chemistry, NHMFL, hqin@chem.fsu.edu **PI:** Cross, TA, FSU, Chemistry, 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	Editing
360	**Title:** Metabolomic profiling of 13C-enriched mouse tissue using 1D and 2D NMR **First Author:** Clendinen, CS, University of Florida, Biochemistry and molecular biology, csclendinen@ufl.edu **PI:** Turck, CW, Max Planck Institute, turck@mpipsykl.mpg.de **Category:** Biochemistry **Facility:** MBI-UF AMRIS **UCGP:** Yes **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
361	**Title:** 31P NMR of the P301L Mouse Model of Frontotemporal Dementia and AD **First Author:** Briggs, R.W., Georgia State University, Physics and Astronomy, rbriggs1@gsu.edu **PI:** Briggs, R.W., Georgia State University, Physics and Astronomy, rbriggs1@gsu.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	Editing
362	**Title:** Structural Determination of the Active Anti Cancer Molecule in Achyranthes Aspera **First Author:** Clendinen, CS, University of Florida, Biochemistry and Molecular Biology, csclendinen@ufl.edu **PI:** Pochi, SR, University of Miami, Medicine, SPochi@med.miami.edu **Category:** Biochemistry **Facility:** MBI-UF AMRIS **UCGP:** Yes **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Editing
363	**Title:** Characterization of the Bioactive Compounds from Philippine Medicinal Plants **First Author:** Uy, M.M., Mindanao State University-Iligan Institute of Technology, mylene603@yahoo.com **PI:** Uy, M.M., Mindanao State University-Iligan Institute of Technology, mylene603@yahoo.com **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	Editing
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