List Of 2016 Reports

ID#	Title, First Author, and Category	Status
46	**Title:** Networks of Dynamic Allostery Control Enzyme Function **First Author:** Holliday, M. J., University of Colorado Denver, Biochemistry, Michael.Holliday@ucdenver.edu **PI:** Eisenmesser, E. Z., University of Colorado Denver, Biochemistry, Elan.Eisenmesser@ucdenver.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 800 T **UCGP:** No **VSP:** No **Accepted by** Structure **Sign. Achievement:** No **Director's Recommendation:** **Yes** **Director's Comments:** None	Edited
147	**Title:** Improving in situ NMR for the Study of Membrane Proteins in a Biological Environment **First Author:** Ding, X., Pennsylvania State University, Biochemistry and Molecular Biology, College of Medicine, xding@hmc.psu.edu **PI:** Tian, F., Pennsylvania State University, Biochemistry and Molecular Biology, College of Medicine, ftian@psu.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 18.8 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation:** **Yes** **Director's Comments:** None	Edited
195	**Title:** Conformations and Exchange Dynamics of FlgM, an Intrinsically Disordered Protein, in Dilute and Crowded Conditions **First Author:** Smith, P. E., Florida State University, Institute of Molecular Biophysics, pessmith84@gmail.com **PI:** Zhou, H.-X., Florida State University, Physics, hzhou4@fsu.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 18.8 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation:** **Yes** **Director's Comments:** None	Edited
360	**Title:** Label-Free Relative Quantitation of Isobaric and Isomeric Histone H2A and H2B Variants by Fourier Transform Ion Cyclotron Resonance Top-Down MS/MS **First Author:** Dang, X., FSU, Chemistry & Biocehmistry, xibei.dang@merck.com **PI:** Young, N.L., NHMFL, Ion Cyclotron Resonance Program, Nicolas.Young@bcm.edu **Category:** Biochemistry **Facility:** ICR Facility **Highest Measured Field:** 14 T **UCGP:** No **VSP:** No **Published in** J. Proteome Res. 15, 3196-3203 (2016) **Sign. Achievement:** **Yes** **Director's Recommendation:** **Yes** **Director's Comments:** None	Edited
361	**Title:** Binding Sites for DNA on a DNA-Unwinding Protein, Probed by Hydrogen/ Deuterium Exchange Fourier Transform Ion Cyclotron Resonance Mass Spectrometry **First Author:** Graham, B.W., U. Pittsburgh, Chemistyry, brianwgraham1@gmail.com **PI:** Trakselis, M.A., Baylor University, Chemistry & Biochemistry, Michael_Trakselis@baylor.edu **Category:** Biochemistry **Facility:** ICR Facility **Highest Measured Field:** 14 T **UCGP:** No **VSP:** No **Published in** J. Biol. Chem. 291 (24), 12467-12480 (2016) **Sign. Achievement:** **Yes** **Director's Recommendation:** **Yes** **Director's Comments:** None	Edited
362	**Title:** Quantitative Mass Spectrometry Reveals that Intact Histone H1 Phosphorylations are Variant-Specific and Exhibit Single Molecule Hierarchical Dependence **First Author:** Chen, Y., NHMFL, ICR Program, yuchen@illinois.edu **PI:** Young, N.L., NHMFL, ICR Program, Nicolas.Young@bcm.edu **Category:** Biochemistry **Facility:** ICR Facility **Highest Measured Field:** 9 T **UCGP:** No **VSP:** No **Published in** Molecular & Cellular Proteomics 15, 818-833 (2016) **Sign. Achievement:** No	Edited

	Director's Recommendation: Yes **Director's Comments:** None	
364	**Title:** Quantitative Mass Spectrometry Reveals Changes in Histone H2B Variants as Cells Undergo Inorganic Arsenic-Mediated Cellular Transformation **First Author:** Rea, M., U. Kentucky, Molecular & Cellular Biochemistry, matthew.rea@uky.edu **PI:** Fondufe-Mittendorf, Y.N., U. Kentucky, Molecular & Cellular Biochemistry, y.fondufe-mittendorf@uky.edu **Category:** Biochemistry **Facility:** ICR Facility **Highest Measured Field:** 9 T **UCGP:** No **VSP:** No **Published in** Molecular & Cellular Proteomics 15 (5), 1-37 (2016) **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** None	Edited
365	**Title:** Identification of Surface-Exposed Protein Radicals on A-Class Dye-Decolorizing Peroxidase Using EPR Spectroscopy **First Author:** Li, P, Kansas State University, pli@ksu.edu **PI:** Li, P, Kansas State University, pli@ksu.edu **Category:** Biochemistry **Facility:** EMR Facility **Highest Measured Field:** 3.5 T **UCGP:** Yes **VSP:** No **Published in** ACS Catalysis 6/8036-8047 **Sign. Achievement:** Yes **Director's Recommendation:** Yes **Director's Comments:** None	Edited
439	**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@chem.ufl.edu **PI:** Butcher, RA, University of Florida, Chemistry, butcher@chem.ufl.edu **Category:** Biochemistry **Facility:** MBI-UF AMRIS **Highest Measured Field:** 14 T **UCGP:** No **VSP:** No **Published in** Nature Chem. Bio. 12:770-772 **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** High impact publication	Edited
285	**Title:** Tablet Composition for Anti-tuberculosis Antibiotics **First Author:** Manning, T, Chemistry, Valdosta State, Chemistry, tmanning@valdosta.edu **PI:** Manning, T, Chemistry, Valdosta State, Chemistry, tmanning@valdosta.edu **Category:** Biochemistry **Facility:** ICR Facility **Highest Measured Field:** 9.4 T **UCGP:** No **VSP:** No **Published in** United States Patent office and BMCL **Sign. Achievement:** No **Director's Recommendation:** Yes **Director's Comments:** None	Edited
299	**Title:** Structure Determination of β-Amyloid Oligomers and Investigation of their Formation Pathways **First Author:** Wang, XW, NHMFL, xiaoling.wang@magnet.fsu.edu **PI:** Wang, XW, NHMFL, xiaoling.wang@magnet.fsu.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 11.7 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
315	**Title:** Structural Studies of DNA-Bound Piscidin by 13C/15N Magic Angle Spinning Solid-State NMR **First Author:** Cotten, M.L., College of William and Mary, Applied Science, mcotten@wm.edu **PI:** Cotten, M.L., College of William and Mary, Applied Science, mcotten@wm.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 21.1 T **UCGP:** No **VSP:** No **Published in** J. Phys. Chem. B 119:15235-46. **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
317	**Title:** Investigation of Gd(III) as Polarizing Agent at High Fields using MAS-DNP and EPR **First Author:** Kaushik, M, Goethe university, kaushik@solidstatednp.com **PI:** Corzilius, B, Goethe university, corzilius@solidstatednp.com	Edited

	Category: Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 14.1 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	
324	**Title:** Investigating the Transthyretin Amyloid Formation Mechanism Using Solid-State NMR **First Author:** Dasari, A.K.R, East Carolina University, Chemistry, dasaria13@students.ecu.edu **PI:** Lim, K.H., East Carolina University, Chemistry, limk@ecu.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 19.6 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement: Yes** **Director's Recommendation: No** **Director's Comments:** None	Edited
342	**Title:** Interactions of Protein Aggregates with Lipid Membranes Defined by Multi-Frequency EPR **First Author:** Pan, J, University of South Florida, panj@usf.edu **PI:** Pan, J, University of South Florida, panj@usf.edu **Category:** Biochemistry **Facility:** EMR Facility **Highest Measured Field:** 3.5 T **UCGP: Yes** **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Approved
349	**Title:** Extracting Biomolecule Collision Cross Sections from High-resolution FT-ICR Mass Spectral Line Widths **First Author:** Jiang, T., Beijing Institute of Technology, Life Sciences, jiangting09@qq.com **PI:** Xu, W., Beijing Institute of Technology, Life Sciences, weixu@bit.edu.cn **Category:** Biochemistry **Facility:** ICR Facility **Highest Measured Field:** 9 T **UCGP:** No **VSP:** No **Published in** Phys. Chem. Chem. Phys. 18, 713-717 (2016) **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
440	**Title:** Identification of Pheromones from Entomopathogenic Nematodes **First Author:** Butcher, RA, University of Florida, Chemistry, butcher@chem.ufl.edu **PI:** Singh, PK, University of Florida, Chemistry, psingh007@chem.ufl.edu **Category:** Biochemistry **Facility:** MBI-UF AMRIS **Highest Measured Field:** 14 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
456	**Title:** In vivo Analysis of the Diametric Cerebral Metabolic Shift Caused by Cocaine Administration and Withdrawal **First Author:** Downes, DP, University of Florida, Biochemistry and Molecular Biology, downesdp@ufl.edu **PI:** Febo, M, University of Florida, Psychiatry, febo@ufl.edu **Category:** Biochemistry **Facility:** MBI-UF AMRIS **Highest Measured Field:** 4.7 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
457	**Title:** High Field Magnetic Resonance Imaging and Spectroscopy of Brain Lactate Levels In Vivo between Normal and PKU Rodents **First Author:** Downes, DP, University of Florida, Biochemistry and Molecular Biology, downesdp@ufl.edu **PI:** Zeile, W, University of Florida, Biochemistry and Molecular Biology, wzeile@UFL.EDU **Category:** Biochemistry **Facility:** MBI-UF AMRIS **Highest Measured Field:** 17.6 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited

458	**Title:** NMR Studies of Nuclear Receptor Transcription Factors **First Author:** Kojetin, D.J., The Scripps Research Institute, Scripps Florida, Molecular Therapeutics, dkojetin@scripps.edu **PI:** Kojetin, D.J., The Scripps Research Institute, Scripps Florida, Molecular Therapeutics, dkojetin@scripps.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 18.8 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
461	**Title:** HRMAS: Improved Quantitation of Metabolites **First Author:** Collins, JHP, UF, Biochemistry and Molecular Biology, jhpcollins@ufl.edu **PI:** Long, JR, UF, Biochemistry and Molecular Biology, jrlong@mbi.ufl.edu **Category:** Biochemistry **Facility:** MBI-UF AMRIS **Highest Measured Field:** 14.1 T **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
466	**Title:** Specific Binding of a Naturally Occurring Amyloidogenic Fragment of treptococcus Mutans Adhesin P1 to Intact P1 on the Cell Surface Characterized by Solid State NMR Spectroscopy **First Author:** Tang, W, University of Florida, Biochemistry & Molecular Biology, jrlong@ufl.edu **PI:** Long, J, University of Florida, Biochemistry & Molecular Biology, jrlong@ufl.edu **Category:** Biochemistry **Facility:** MBI-UF AMRIS **Highest Measured Field:** 17.6 T **UCGP:** No **VSP:** No **Published in** J. Biomol. NMR 64:153-164 **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
471	**Title:** Effects of Surfactant Protein B 1-25 on Lipid Dynamics and Morphologies **First Author:** Tran, NT, University of Florida, University of Florida, nhittran@ufl.edu **PI:** Long, JR, University of Florida, Biochemistry and Molecular Biology, jrlong@mbi.ufl.edu **Category:** Biochemistry **Facility:** MBI-UF AMRIS **Highest Measured Field:** 11.7 T **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
479	**Title:** Toll Like Receptor-2 TM Domain Structural Studies by Solid State NMR Spectroscopy **First Author:** Das, ND, University of Colorado Boulder, Biofrontier, nabanita.das@colorado.edu **PI:** Yin, HY, University of Colorado Boulder, Biofrontier, hubert.yin@colorado.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 14 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
494	**Title:** Biomarker Discovery and Metabolic Profiling in Plasma for Non-Alcoholic Steatohepatitis **First Author:** Sunny, NE, University of Florida, nishanth.sunny@medicine.ufl.edu **PI:** Sunny, NE, University of Florida, nishanth.sunny@medicine.ufl.edu **Category:** Biochemistry **Facility:** MBI-UF AMRIS **Highest Measured Field:** 14 T **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
394	**Title:** Pulsed Dipolar EPR Measurements of Opa Binding **First Author:** Kieber, M, University of Virginia, Chemistry, mkk9bs@virginia.edu **PI:** Columbus, L, University of Virginia, Chemistry, columbus@virginia.edu **Category:** Biochemistry **Facility:** EMR Facility **Highest Measured Field:** 3.35 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation	Edited

	Sign. Achievement: No **Director's Recommendation: No** **Director's Comments:** None	
409	**Title:** Magnetic Alignment of Cholesterol-Containing Bicelles at High Fields **First Author:** Song, L, NHMFL, song@magnet.fsu.edu **PI:** Song, L, NHMFL, song@magnet.fsu.edu **Category:** Biochemistry **Facility:** EMR Facility **Highest Measured Field:** 3.5 T **UCGP:** Yes **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
410	**Title:** Study of the Effect of Oxygenation Levels in Samples on 13C Hyperpolarization for Dissolution Dynamic Nuclear Polarization **First Author:** Lama, B., University of Florida, Biochemistry, bimalalama@ufl.edu **PI:** Long, J.R., University of Florida, Biochemistry, jrlong@mbi.ufl.edu **Category:** Biochemistry **Facility:** EMR Facility **Highest Measured Field:** 3.35 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
206	**Title:** Structure of the N-terminus of CrgA, a Small Helical Membrane Protein Found in Mycobacterium Tuberculosis Using Solid State NMR **First Author:** Shin, Y., FSU, Chemistry, NHMFL, ys13e@my.fsu.edu **PI:** Cross, T.A., FSU, Chemistry, NHMFL, cross@magnet.fsu.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 14 T **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
248	**Title:** Structural and Functional Characterization of ChiZ by Solution and Solid-State NMR **First Author:** Escobar, C A, FSU, ce10@my.fsu.edu **PI:** Cross, T A, FSU/NHMFL, cross@magnet.fsu.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 18.8 T **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
2	**Title:** Flexibility and Solvation of Amyloid -beta Hydrophobic Core **First Author:** Vugmeyster, Liliy, CU Denver, Chemistry, liliya.vugmeyster@ucdenver.edu **PI:** Vugmeyster, Liliy, CU Denver, Chemistry, liliya.vugmeyster@ucdenver.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 17.6 T **UCGP:** No **VSP:** No **Published in** J. Biol. Chem. 291:18484-95 **Sign. Achievement: Yes** **Director's Recommendation: No** **Director's Comments:** None	Edited
11	**Title:** Iron-sulfur Cluster Function in Escherichia Coli Sulfite Reductase **First Author:** Cepeda, MR, FSU, mrc13c@my.fsu.edu **PI:** Stroupe, ME, FSU, Biological Science, mestroupe@bio.fsu.edu **Category:** Biochemistry **Facility:** EMR Facility **Highest Measured Field:** 0.4 T **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
30	**Title:** 31P NMR of the P301L Mouse Model of Frontotemporal Dementia and AD **First Author:** Briggs, R.W., University of Florida, Dept. of Aging and Geriatric Research, rbriggs@ufl.edu **PI:** Briggs, R.W., University of Florida, Dept. of Aging and Geriatric Research, rbriggs@ufl.edu	Edited

	Category: Biochemistry **Facility:** MBI-UF AMRIS **Highest Measured Field:** 17.6 T **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	
154	**Title:** Studies of Sugar Transporters Using Solid State NMR Spectroscopy **First Author:** Sae Her, A, NYU, Chemistry, ash371@nyu.edu **PI:** Traaseth, N, NYU, Chemistry, traaseth@nyu.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 18.8 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
173	**Title:** Structural Study of Fibrils Formed by the FUS Low Complexity Domain **First Author:** Murray, DT, National Institutes of Health, dylan.murray@nih.gov **PI:** Tycko, R, National Institutes of Health, robertty@mail.nih.gov **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 21.1 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
194	**Title:** Structural Analysis of the G44V CrgA Dimer Mutant in M. tuberculosis Division **First Author:** Taylor, JA, FSU, Biochemistry, jat14e@my.fsu.edu **PI:** Cross, TA, FSU, NHMFL, Biochemistry, cross@magnet.fsu.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 14.1 T **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
47	**Title:** Partial Assignments of the Spherical Assembly of Rous Sarcoma Virus Capsid Protein **First Author:** Jeon, J, University of Central Florida, Physics, jaekyun.jeon@gmail.com **PI:** Chen, B, University of Central Florida, Physics, bo.chen@ucf.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 21.1 T **UCGP:** No **VSP:** No **Submitted to** J. American Ceramic Society **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
84	**Title:** Investigation of Calcium-Independent Dimer Formation in Neural Cadherin by Hydrogen/ Deuterium Exchange with Positive Electrospray 14.5 T FT-ICR Mass Spectrometry **First Author:** Davila, S., University of Mississippi, Chemistry & Biochemistry, sdavila@go.olemiss.edu **PI:** Pedigo, S., University of Mississippi, Chemistry & Biochemistry, spedigo@olemiss.edu **Category:** Biochemistry **Facility:** ICR Facility **Highest Measured Field:** 14.5 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
86	**Title:** Mechanism of Yeast N-Glycosylation: Structural Characterization of Ost4p and its Mutant **First Author:** Chaudhary, BC, Oklahoma State University, Chemistry, bharat.chaudhary@okstate.edu **PI:** Mohanty, SM, Oklahoma State University, Chemistry, smita.mohanty@okstate.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 800 T **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited

98	**Title:** Dynamics of the M2 Proton Channel of Influenza A: Gating by Val27 and Trp41 **First Author:** Paulino, J, FSU and NHMFL, Molecular Biophysics, paulino@magnet.fsu.edu **PI:** Cross, T.A., FSU and NHMFL, Chemistry and Biochemistry, cross@magnet.fsu.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 19.6 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** Yes **Director's Recommendation: No** **Director's Comments:** None	Edited
114	**Title:** Ultrafast Polarization Phase Selective (PPS) Studies: Areas of Fundamental Significance to Biochemistry/Biophysics **First Author:** Kresimir Rupnik, KR, Louisiana State University, Chemistry, chrupn@lsu.edu **PI:** Kresimir Rupnik, KR, Louisiana State University, Chemistry, chrupn@lsu.edu **Category:** Biochemistry **Facility:** DC Field Facility **Highest Measured Field:** 25 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
130	**Title:** EPR Study of the Biosynthesis of the MoFe Cofactor of Nitrogenase **First Author:** Hales, B.J., Louisiana State Univeristy, Chemistry, bhales@lsu.edu **PI:** Hales, B.J., Louisiana State Univeristy, Chemistry, bhales@lsu.edu **Category:** Biochemistry **Facility:** EMR Facility **Highest Measured Field:** 3.5 T **UCGP:** No **VSP:** No **Publication Status:** Manuscript in preparation **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
142	**Title:** Structure Determination of Mtb LspA by Oriented Solid State NMR Spectroscopy **First Author:** Qin, H, NHMFL, hqin@chem.fsu.edu **PI:** Cross, T, NHMFL, FSU, Chemistry & Biochemistry, cross@magnet.fsu.edu **Category:** Biochemistry **Facility:** NMR Facility **Highest Measured Field:** 16.9 T **UCGP:** No **VSP:** No **Publication Status:** Not at this time **Sign. Achievement:** No **Director's Recommendation: No** **Director's Comments:** None	Edited
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