

Eighteenth Annual Molecular Biophysics Minisymposium Poster Participants

Name	Title
Gregg Barcan Richard Ebright, and Eddy Arnold	<i>“Purification and crystallization of RNA polymerase from Escherichia coli”</i>
Joe D. Bauman Kalyan Das, Zhoujun Zhao, Mamuka Kvaratskhelia, Aaron Shatkin, and Eddy Arnold	<i>“Pseudomonas phosphate binding DING protein structure at 1.03 Ångstrom resolution”</i>
Yoav Y. Biton Bernard Coleman	<i>“On the influence of salt concentration on minimum energy configurations of DNA”</i>
Michael A. Bryan/ Timothy J. Hyde Barbara Brodsky and Jean Baum	<i>“Collagen folding disease: peptide models of abnormal folding”</i>
Luke Czapla David Swigon and Wilma Olson	<i>“E. coli DNA bending protein HU facilitates the LacR-DNA looping mechanism of gene repression”</i>
Liliana Falzon Smita Patel	<i>“Autonomy of propeptides in propeptide-mediated folding of prosubtilisin E”</i>
Daniel M. Himmel	<i>“X-ray crystal structure for and RNase H inhibitor bound at a novel site on HIV-1 reverse transcriptase”</i>
Sungchul Ji	<i>“The Simpson-Elsasser-Wolfram framework for modeling the living cell”</i>
Karunakar Kar	<i>“Self association of collagen model peptide (Pro-Hyp-Gly)”</i>
Jennifer Knight Daniel Himmel, Eddy Arnold and Ron Levy	<i>“Modeling maximal structural diversity in X-ray crystallographic refinement: application to HIV-1 protease”</i>
Yingjie Li/ Angela Mohs Jianxi Xiao	<i>“Conformational consequences of a natural break in the Gly-X-Y repeat of type IV collagen in basement membrane”</i>
Troy C. Messina	<i>“Conformational sampling of the receptor protein glucose/galactose binding protein”</i>
Vaishnavi Rajagopal	<i>“Functional interaction between SSB and NS3h enhances the unwinding activity of HCV NS3h helicase”</i>

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Krishna Pratap Ravindranathan E. Gallicchio, Richard Friesner, Ann Mc. Dermott and R. M. Levy	<i>“Conformational equilibrium of cytochrome P450 BM3 complexed with N-palmitoylglycine: a replica exchange molecular dynamics study”</i>
Stefan G. Sarafianos	<i>“Crystal structure of K65R HIV-1 reverse transcriptase with template-primer and tenofovir-diphosphate”</i>
Xiaofeng Shi	<i>“Kinetic and equilibrium measurements of acidities and proton affinities of cytosine, adenine and their derivatives”</i>
A. R. Srinivasan M. Karymov, C. Mathivanan, Y. Lyubchenko, and W. K. Olson	<i>“A generalized method of modeling four-way Holliday junctions: application to single molecule FRET experiments”</i>
Xuejun Sun	<i>“Acidity and proton affinity of hypoxanthine, a potentially mutagenic nucleobase”</i>
Daniel Weinstock Anthony K. Felts, Michael Andrec, Ronald M. Levy, Kuen-Phon Wu, Chitra Narayanan, and Jean Baum	<i>“Computationally guided NMR studies of peptide conformational ensembles”</i>
Kuen-Phon Wu Jean Baum	<i>“NMR comparisons of natively unfolded human and mouse alpha synucleins”</i>
Fei Xu Andrew Colasanti, Yun Li, Uma M. Muthurajan, Karolin Luger and Wilma K. Olson	<i>“SIN mutations in histones H3 and H4 affect the conformation and interactions of DNA with histones H2A and H2B”</i>
Weiming Xu John W. Taylor	<i>“Template-assembled peptide models of the N-peptide helix bundle from HIV-1 GP41 that bind to C-peptide”</i>
Christine Zardecki Shuchismita Dutta, Jeff Milton and Helen M. Berman	<i>“Educational resources for structural biology at the RCSB Protein Data Bank”</i>