

MOLECULAR BIOPHYSICS			
Journal Club and Works-In-Progress 2011-12			
FRIDAYS at NOON in ND13.218			
			08.03.11
Date	Presenter(s):	Review Panel/ Introduction	Title of Presentation/Citation
08/19/11	Organizational Meeting (Dr. Rice)		
08/26/11	Semeiks, Jeremy (Grishin lab) - JC	Brewer, Lam, Raman	Mihalusova, Wu, and Zhuang, "Functional importance of telomerase pseudoknot revealed by single-molecule analysis", PNAS 2011
09/02/11	Moon, Tom (Goldsmith lab)-WIP	Cong	"WNK1 autoinhibition and salt sensitivity" Structure and folding of a designed knotted protein.
09/09/11	Li, Wenlin (Grishin lab) - JC	Xu, Banani, Guo	King NP, Jacobitz AW, Sawaya MR, Goldschmidt L, Yeates TO. PNAS U S A. 2010 Nov 30;107(48):20732-7
09/16/11	Liao, Yuxing (Grishin lab) - JC	Kuo, Armutlu, Banjade	Single-molecule fluorescence reveals sequence-specific misfolding in multidomain proteins. Borgia MB, Borgia A, Best RB, Steward A, Nettels D, Wunderlich B, Schuler B, Clarke J. Nature. 2011 May 29;474(7353):662-5. doi: 10.1038/nature10099.
09/23/11	Plymire, Daniel (Patrie lab) - JC	Bromberg, Lin, Eaton	Simon et al., Histone fold modifications control nucleosome unwrapping and disassembly, PNAS U S A. 2011 Aug 2;108(31):12711-6. Epub 2011 Jul 18.
09/30/11	Pascoe, Heath (X. Zhang lab) - JC	Nguyen, Gibson, Piala	Rasmussen SG, Devree BT, Zou Y, Kruse AC, Chung KY, Kobilka TS, Thian FS, Chae PS, Pardon E, Calinski D, Mathiesen JM, Shah ST, Lyons JA, Caffrey M, Gellman SH, Steyaert J, Skiniotis G, Weis WI, Sunahara RK, Kobilka BK. Crystal structure of the $\beta(2)$ adrenergic receptor-Gs protein complex. Nature. 2011 Jul 19. doi: 10.1038/nature10361.
10/07/11	Mao, Deng (H. Lu lab) - JC	Kadamur, Piedra, Kittisopikul	Siegel JB, Zanghellini A, Lovick HM, Kiss G, Lambert AR, St Clair JL, Gallaher JL, Hilvert D, Gelb MH, Stoddard BL, Houk KN, Michael FE, Baker D. Computational design of an enzyme catalyst for a stereoselective bimolecular Diels Alder reaction. Science. 2010 Jul 16;329(5989):309-13. PubMed PMID: 20647463.
10/14/11	Zhou, Amy (Rizo-Rey lab) - JC	Safronova, Tung, Moon	Qu X, Wen JD, Lancaster L, Noller HF, Bustamante C, Tinoco I Jr. The ribosome uses two active mechanisms to unwind messenger RNA during translation. Nature. 2011 Jul 6;475(7354):118-21. doi: 10.1038/nature10126. PubMed PMID: 21734708.
10/21/11	Soniat, Michael (Chook lab) - JC	Seven, Ritchie, Tong	
10/28/11	Taylor, Clint (H. Zhang/Takahashi labs) - JC	Semeiks, Cong, Wang	
11/04/11	Valdez, Rolando (Ross lab) - JC	Zhou, Li, Plymire	
11/11/11	Vetter, Ali (Thomas lab) - JC	Pascoe, Mao, Soniat	
11/18/11	White, Kris (Ranganathan lab) - JC	Liao, Taylor, Valdez	
11/25/11	NO MB JC/WIPs - Thanksgiving Holiday		
12/02/11	Zahm, Jacob (Rosen lab) - JC	Brewer, Kuo, Eaton	
12/09/11	Streeter, Mike (Gardner lab) - JC	Piala, Tong, Kittisopikul	
12/16/11	Wang, Yuxiao (X. Zhang lab) - JC	Zahm, White, Vetter	
12/23/11	NO MB JC/WIPs		
12/30/11	NO MB JC/WIPs		
01/06/12	Tung, KC (H. Lu lab) - JC	Streeter, Xu, Lam	
01/13/12	Kittisopikul, Mark (Suel lab) - JC	Raman, Banani, Nguyen	
01/20/12	Tong, Jing (Grishin lab) - JC	Guo, Armutlu, Lin	
01/27/12	Ritchie, Caroline (Thomas lab) - WIP	Banjade	
02/03/12	Seven, Alpay (Rizo-Rey lab) - JC	Cong, Bromberg, Gibson	
02/10/12	Safronova, Sasha (Grishin lab) - WIP	Kadamur	
02/17/12	Piedra, Felipe (Rice lab) - WIP	Seven	
02/24/12	Kadamur, Ganesh (Ross lab) - JC	Semeiks, Moon, Li	
03/02/12	Piala, Alex (Goldsmith lab) - WIP	Plymire	
03/09/12	Gibson, Bryan (Kraus lab) - JC	Liao, Mao, Pascoe	
03/16/12	Nguyen, Nam (Y. Jiang lab) - WIP	Soniat	
03/23/12	Eaton, Christina (Blount lab) - JC	Vetter, White, Zahm	
03/30/12	Lin, Yuan (Rosen lab) - WIP	Zhou	
04/06/12	NO MB JC/WIPs - Spring Break		
04/13/12	Banjade, Sudeep (Rosen lab) - JC	Wang, Tung, Piedra	
04/20/12	Armutlu, Pelin (Rice lab) - JC	Valdez, Taylor, Ritchie	
04/27/12	Kuo, Yi-Chun (X. Zhang lab) - WIP	Armutlu	
05/04/12	Guo, Yirui (Gardner lab) - WIP	Tung	
05/11/12	Bromberg, Raquel (Otwinski lab) - WIP	Safronova	
05/18/12	Molecular Biophysics Research Symposium*		
05/25/12	Banani, Salman (Rosen lab) - WIP	Streeter	
*WIP Presenters at Symposium:			
	Brewer, Kyle (Rizo-Rey lab)		
	Cong, Qian (Grishin lab)		
	Lam, Yeeling (Y. Jiang lab)		
	Raman, Arjun (Ranganathan lab)		
	Xu, Hui (Z Chen/Q Jiang labs)		