

BIOCHEMISTRY AND STRUCTURAL BIOLOGY

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❖ Jointly Authored Publications/Research Reports/Reviews

Ge, Zhiyun, Karzai, AW. (2009) Co-evolution of multipartite interactions between an extended tmRNA tag and a robust Lon protease in *Mycoplasma*. *Mol Microbiol.*74(5): 1083-99.

Shahidullah, Khurshida, **Krishnakumar, Shyam S.**, and London, Erwin (2010) The Effect of Hydrophilic Substitutions and Anionic Lipids Upon the Transverse Positioning of the Transmembrane Helix of the Erb b2 (neu) Protein Incorporated into Model Membrane Vesicles. *J. Mol. Biol.* 396(1): 209-220.

Schalch, T., Job, G., Noffsinger, V.J., Shanker, S., **Kuscu, C.**, Joshua-Tor, L., and Partridge, J.F. (2009) High affinity binding of Chp1 chromodomain to K9 methylated histone H3 is required to establish centromeric heterochromatin. *Mol. Cell* 34: 36-46.

Verma, P., Ostermeyer-Fay, A. G., and Brown, D. A. (In Press) Actomyosin Interactions Exert Tension On Membrane Tubules Induced By Caveolin-1 Expression In Breast Cancer Cells. *Mol. Biol. Cell.*

❖ Abstracts, Conferences/Colloquia, Presentations, Symposiums, Workshops

Kim, Ah-Ram, Ionides, John, Martinez, Carlos, and Reinitz, John. (2009) When Two Plus Two Doesn't Equal Four: Modeling NonAdditive Enhancer Behavior in the *Drosophila melanogaster eve* Promoter. *Chicago Center for Systems Biology(CCSB) 1st Annual Retreat*, Chicago, IL.

Kim, Ah-Ram, Ionides, John, Martinez, Carlos, and Reinitz, John. (2009) When Two Plus Two Doesn't Equal Four: Modeling NonAdditive Enhancer Behavior in the *Drosophila melanogaster eve* Promoter. *RECOMB Systems Biology*, Boston, MA. (poster)

Chaubard, J.-L., Leonhard-Melief, C., **Shareffi, E.-A.**, Wong, C.-H., Holdener, B.C., and Haltiwanger, R.S. (2009) Identification of O-Fucosylated Proteins using a Bioorthogonal Reporter Strategy. *Glycobiology* 19: 1337a.