



8. Lartigue A, Gruez A, Spinelli S, Riviere S, Brossut R, et al. (2003) The crystal structure of a cockroach pheromone binding protein suggests a new ligand binding and release mechanism. *J Biol Chem* 278: 30213-30218.

9. .UXVH 6: =KDR 5 6PLWK '3 -RQHV '1 6 WUXF1W 0UhamRNJ, Krieger H, Beyer B, Crotti A (2001) Detection and Removal of Uracil at Halcyonacid from the Binding Site of Bombyx mori Pheromone-binding Protein. *Chem Senses* 26: 529-531.

10. Damberger FF, Ishida Y, Leal WS, Wuthrich K (2007) Structural Basis of Ligand Binding and Release in Insect Pheromone-binding Proteins: NMR Structure of *Antheraea polyphemus* PBP1 at pH 4.5. *J Mol Biol* 373: 811–819.

11. Katre UV, Mazumder S, Prusti RK, Mohanty S (2009) Ligand Binding Turns Moth Pheromone-Binding Protein into a pH Sensor: Effect on the *Antheraea polyphemus* PBP1 conformation. *J Biol Chem* 284: 32167-32177.

13. Xu X, Xu W, Rayo J, Ishida Y, Leal WS, et al. (2010) NMR structure of navel orangeworm moth pheromone-binding protein (*AtraPBP1*): implications for pH-sensitive pheromone detection. *Biochemistry* 49: 1469-1476.