LIST OF PUBLICATIONS

1. Puntambekar, D. S., Giridhar, R. and Yadav, M. R. (2006): Understanding the anti-tumour activity of novel tricyclictripiperazinyl derivatives as farnesyltransferase inhibitors using CoMFA and CoMSIA. European Journal of Medicinal Chemistry 41, 1279-1292.

2. Puntambekar, D. S., Giridhar, R. and Yadav, M. R. (2006): 3D-QSAR CoMFA/CoMSIA studies on 5-aryl-2,2-dialkyl-4-phenyl-3(2*H*)-furanone derivatives as selective COX-2 inhibitors. Acta Pharmaceutica 56, 157-174.

3. Puntambekar, D., Giridhar, R. and Yadav, M. R. (2006): 3D-QSAR studies on farnesyltransferase inhibitors: A Comparative molecular field analysis approach. Bioorganic Medicinal Chemistry Letters 16, 1821-1827.

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5. Yadav, M. R., Shirude, S. T., Puntambekar, D. S., Patel, P. J., Prajapati, H. B., Parmar, A., Balaraman, R. and Giridhar, R. (2007): Studies in 3,4-diaryl-1,2,5-oxadiazoles and their *N*-oxides: Search for better COX-2 inhibitors. Acta Pharmaceutica 57, 13-30.

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8. Puntambekar, D., Giridhar, R. and Yadav, M.R. (2007): Integrating Ligand and Target-Based Information to Assess the Influence of Partial Charge formalisms on the Statistical Quality and Predictive Ability of 3D-QSAR CoMFA models: A Case Study with Selective COX-2 Inhibitors - Manuscript under preparation.