

Publications: Research papers 2, Review articles 1

1. A. T. Sangamwar, L. B. Labhsetwar, S. V. Kuberkar. Exploring CYP1A1 as anticancer target: homology modeling and in silico inhibitor Design. *J Mol Model* (2008) 14:1101-1109
DOI 10.1007/s00894-008-0354-4
2. A. T. Sangamwar, U. D. Deshpande, S. S. Pekamwar, S. M. Vadvalkar. Improving decision making for drug candidates: A computational approach for benzthiazoles as antifungal. *Indian J of Biotechnology*, Vol 6, July 2007, pp 389-396.
3. A. T. Sangamwar, U. D. Deshpande, S. S. Pekamwar. Antifungals: Need to search for a new molecular target. *Indian J of Pharmaceutical Sciences*, Vol 70 (4), July-August 2008, 423-430

Conference Presentations: 23

1. Study of reverse transcriptase enzyme as an anti HIV target
K. A. Labhsetwar, A. M. Kawale, A. S. Joshi, A. T. Sangamwar
Poster presentation at National conference on plants: Biology to biotechnology
Yeshwant Mahavidyalaya, Nanded, 23-24 Feb. 2008.
2. Study of proton pump inhibitors
M. D. Joshi, K. A. Kotikhane, A. U. Patil, A. T. Sangamwar
Poster presentation at National conference on plants: Biology to biotechnology
Yeshwant Mahavidyalaya, Nanded, 23-24 Feb. 2008.
3. Study of CYP1A1 as an anticancer target
G. A. Petkar, K. A. Labhsetwar, A. M. Kawale, A. T. Sangamwar
Poster presentation at National conference on plants: Biology to biotechnology
Yeshwant Mahavidyalaya, Nanded, 23-24 Feb. 2008.
4. Do we really have safe drug?
V. M. Kudke, S. S. Sarsar, M. A. Kothari, A. T. Sangamwar
Poster presentation at International conference on drug discovery and nanotechnology, Yeshwant Mahavidyalaya, Nanded, 27-29 Jan. 2008.
5. Impact of structural bioinformatics on drug discovery
S. S. Sarsar, V. M. Kudke, M. A. Kothari, A. T. Sangamwar
Poster presentation at International conference on drug discovery and nanotechnology, Yeshwant Mahavidyalaya, Nanded, 27-29 Jan. 2008.
6. Towards efficient drug discovery of anticancer agent: In silico design of HSP 90 inhibitors
K. A. Kotikhane, A. U. Patil, M. D. Joshi, A. T. Sangamwar
Poster presentation at International conference on drug discovery and nanotechnology, Yeshwant Mahavidyalaya, Nanded, 27-29 Jan. 2008.
7. Structural insights into tumor necrosis factor alpha inhibition in search of promising ligand

- A. M. Kawale, K.A. Labhsetwar, A. T. sangamwar
Poster presentation at International conference on drug discovery and nanotechnology, Yeshwant Mahavidyalaya, Nanded, 27-29 Jan. 2008.
8. Exploiting CYP1A1 as an anticancer agent
K. A. Labhsetwar, A. M. Kawale, A. T. sangamwar
Poster presentation at International conference on drug discovery and nanotechnology, Yeshwant Mahavidyalaya, Nanded, 27-29 Jan. 2008.
9. Mimicry of peroxisome proliferator activated receptor ligand
S. P. Nalwade, G. S. Petkar, A. M. Kawale, A. T. Sangamwar
Poster presentation at International conference on drug discovery and nanotechnology, Yeshwant Mahavidyalaya, Nanded, 27-29 Jan. 2008.
10. 14DM from candida albicans in virtual screening of the ligands
A. U. Patil, K. A. Kotikhane, M. D. Joshi, S. G. Naikwade, A. T. Sangamwar
Poster presentation at International conference on drug discovery and nanotechnology, Yeshwant Mahavidyalaya, Nanded, 27-29 Jan. 2008.
11. Drug design for parkinsons disease
S. G. Naikwade, A. U. Patil, K. A. Kotikhane, A. T. Sangamwar
Poster presentation at International conference on drug discovery and nanotechnology, Yeshwant Mahavidyalaya, Nanded, 27-29 Jan. 2008.
12. Towards drug discovery of proton pump inhibitors
M. D. Joshi, K. A. Kotikhane, A. U. Patil, A. T. Sangamwar
Poster presentation at International conference on drug discovery and nanotechnology, Yeshwant Mahavidyalaya, Nanded, 27-29 Jan. 2008.
13. Developing predictive protein model of beta tubulin
G. S. Petkar, S. P. Nalwade, K. A. Labhsetwar, A. T. Sangamwar
Poster presentation at International conference on drug discovery and nanotechnology, Yeshwant Mahavidyalaya, Nanded, 27-29 Jan. 2008.
14. Design and synthesis of benzimidazole derivatives
S. S. Pekamwar, A. T. Sangamwar, L. B. Labhsetwar, S. M. Vadvalkar
Poster presentation at International conference on drug discovery and nanotechnology, Yeshwant Mahavidyalaya, Nanded, 27-29 Jan. 2008
15. Use of *Sacchomyces cerevisiae* in target validation of antifungal
A. T. Sangamwar, Anil Taklikar, Anand Jadhav
Poster presentation at International conference on the biology of yeasts and filamentous fungi, National Chemical Laboratory, Pune, 15-17 Feb. 2007.
16. Structure based drug design of antifungal: Use of knowledge based score function
A. T. Sangamwar, S. S. Pekamwar, S. M. Vadvalkar, S. B. Dhoot
Poster presentation at National Conference on Drug Designing and Synthesis, Dr. Ambedkar College, Nagpur, 19-20 Jan. 2007.
17. *In vitro* high throughput screening for benzthiazole antifungals
A. T. Sangamwar, S. S. Pekamwar, U. D. Deshpande, S. S. Deshpande, S. B. Dhoot
Poster presentation at 2nd International Symposium on Drug Discovery and Process Research, Belgaum 10-12 Feb. 2006.
18. QSAR study of 2-substituted benzimidazoles as antituberculosis agents

- A. T. Sangamwar, S. S. Pekamwar, U. D. Deshpande
Poster presentation at 2nd International Symposium on Drug Discovery and Process Research, Belgaum 10-12 Feb. 2006.
19. Scaffold hopping for new antifungal agents
A. T. Sangamwar, S. S. Pekamwar, U. D. Deshpande, S. M. Vadvalkar
Poster presentation at 2nd International Symposium on Drug Discovery and Process Research, Belgaum 10-12 Feb. 2006.
20. Information technology tools to support and accelerate drug discovery process
A. T. Sangamwar, S. S. Pekamwar, U. D. Deshpande, S. S. Deshpande, S. M. Vadvalkar, A. S. Deshpande, S. B. Dhoot, Poster presentation at 10th Annual National Convention of APTI, Nagpur, 2005.
21. Structure based drug designing of human COMT inhibitors
A. M. Desai, A. T. Sangamwar, S. S. Pekamwar, U. D. Deshpande
Poster presentation at 1st International Symposium on Drug Discovery and Process Research, Kolhapur, 23-25 Jan. 2003.
22. Active site characterization of human catechol-o-methyl transferase
A. T. Sangamwar, S. S. Pekamwar, U. D. Deshpande, S. S. Deshpande, R. S. Gaud Poster presentation at 8th Annual National Convention of APTI, Hubali, 17, 18 Oct. 2003.
23. 50 years of DNA and 25 years of *in vitro* fertilization
A. T. Sangamwar, S. S. Pekamwar, U. D. Deshpande, S. M. Vadvalkar, S. B. Dhoot, N. Y. Gond, Poster presentation at 8th Annual National Convention of APTI, Hubali, 17, 18 Oct. 2003.

Invited Lectures: 1