

VENKATESWARA RAO ALAPATI

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Research Interests: Areas of work

- i) Vascular Pharmacology: nitric oxide, EDHF and other vasodilating mechanisms
- ii) Pharmacology of anti cancer agents.
- iii) Drug Interactions

Education:

1. [M. Pharmacy: Pharmacology, University college of Pharmaceutical Sciences, Kakatiya University, Warangal, India]
2. [B. Pharmacy: University college of Pharmaceutical Sciences, Kakatiya University, Warangal, India]

Professional Recognition, Awards, Achievements:

1. Worked in UK for more than 6 yrs
2. Recipient of Junior Research Fellowship from the University Grants Commission India, to complete M. Pharma studies.
3. GATE all India rank: 154
4. PUBMED citations 6 out of 11 Publications.

Representative Publications: [Selected 7 publications only]

1. **Venkateswara Rao A**, Sandya S, Vasavi P, Sunitha G, Panikumar D Anumolu; Simple and rapid liquid chromatographic method for real-time quantification of Naproxan/esomeprazole magnesium combination tablets, *J App Pharm Vol. 6; Issue 1: 36-42; January, 2014.*
2. Jill J.F. Belch, Naveed Akbar, **Venkateswara Alapati**, John Petrie, Simon Arthur, Faisal Khan. Longitudinal assessment of endothelial function in the microvasculature of mice in-vivo *Microvascular Research*, 2013 (85) 86–92 [[Pubmed PMID: 23123637](#)]
3. Raghavendra NM, Jyothsna A, **Venkateswara Rao A**, Subrahmanyam CVS. Synthesis, pharmacological evaluation and docking studies of *N*-(benzo[d]thiazol-2-yl)-2-(piperazin-1-yl)acetamide analogs as COX-2 inhibitors. *Bioorg Med Chem Lett.* 2012; 22:820-823. [[Pubmed PMID: 22946530](#)]
4. Raghavendra NM, Ramakrishna K, Sirisha V, Divya P, **Rao AV**. Computer Aided Discovery of Potential Anti-Inflammatory (S)-Naproxen Analogs as COX-2 Inhibitors. *Med Chem.* 2013, 9, 553-559 [[Pubmed PMID: 22222039](#)]
5. C. McKenzie, **V. R. Alapati**, A. MacDonald A.M. Shaw; Mechanisms involved in the regulation of bovine pulmonary vascular tone by the 5-HT_{1B} receptor. *British Journal of Pharmacology* 2010, 159, 188–200 [[Pubmed PMID: 19958363](#)].
6. **V. R. Alapati**, C, McKenzie A. Blair, D. Kenny, A. MacDonald, A. M. Shaw; Mechanisms of U46619- and 5-HT-induced contraction of bovine pulmonary arteries: role of chloride *British Journal of Pharmacology.* 2007 1-11 [[Pubmed PMID: 17592513](#)]
7. M.R. Chaluvadi, **V.R. Alapati**, K. Rajnarayana, G. Jayasagar, M. Sripalreddy, D.R. Krishna; HPLC method for the determination of tinidazole in human serum and its application in a clinical pharmacokinetic study. *Die Pharmazie* 2002 [[Pubmed PMID: 12227192](#)]