List of Publications:

1. Synthesis and Anti-bacterial activity of $\alpha$-Aminoacid functionalised Novel 6- Fluoro-Quinolones

   **B. Venkat Lingaiah**, T. Yakaiah, P. Shanthan Rao,* K. Pranay Kumar and U.S.N. Murthy

   *Bioorganic & Medicinal Chemistry Letters, 2007 (Manuscript under preparation)*

2. Synthesis and Anti-bacterial activity of $\alpha$-Aminoacid functionalised Novel 7-trifluoromethyl substituted Quinolones

   **B. Venkat Lingaiah**, T. Yakaiah, P. Shanthan Rao,* K. Pranay Kumar and U.S.N. Murthy

   *Bioorganic & Medicinal Chemistry Letters, 2007 (Manuscript under preparation)*

3. FeCl$_3$ catalyzed an efficient synthesis of $\beta$-keto enol ethers under solvent-free microwave irradiation condition.

   **B. Venkat Lingaiah**, T. Yakaiah, G. Venkat Reddy and P. Shanthan Rao*

   *Synlett 2007 (Manuscript under preparation).*


   **Boddupally P V Lingaiah**, Tallapally Yakaiah, Pamulaparthy S Rao,* and Banda Narsaiah.

   *Heterocycles, 2005, 65 (10), 2329.*

5. Gadolinium (III) chlorides: A novel and an efficient reagent for the synthesis of homoallylic alcohols.

   **B. Venkat Lingaiah**, G. Ezikiel, T. Yakaiah, G. Venkat Reddy and P. Shanthan Rao*

6. Nafion-H: An efficient and recyclable heterogeneous catalyst for the one-pot synthesis of 2,3-disubstituted 4-(3H)-quinazolinones under solvent-free microwave irradiation conditions.

**B. Venkat Lingaiah**, G. Ezikiel, T. Yakaiah, G. Venkat Reddy, P. Shanthan Rao*

*Synlett, 2006, 15, 2507-2509.*


*Synthetic Communications, 2004, 23, 4431-4437.*

8. Synthesis and structure activity relationships of novel pyrimido[1,2-b]indazoles as potential anti-cancer agents against A-549 cell lines.


T.Yakaiah, **B. P. V. Lingaiah**, B. Narsaiah, * K. Pranay Kumar, U.S.N.Murthy

*European Journal of Medicinal Chemistry, 2007 (in press).*

10. Three - component Grieco condensation: Stereoselective synthesis of novel pyrimidine fused indazole derivatives under mild conditions in single pot using GdCl₃ as catalyst and their anti-microbial activity.

T. Yakaiah, **B. P. V. Lingaiah**, B. Narsaiah,* K. Pranay Kumar, U.S.N. Murthy B. Sridhar.
11. Synthesis of Fluorine containing N-benzyl-1, 2, 3-Triazoles and N-methyl Pyrazoles from Conjugated Alkynes.


T. Yakaiah, B. P. V. Lingaiah, G. Venkat Reddy, B. Narsaiah, P. Shanthan Rao

*ARKIVOC, 2007 (accepted).*


V. V. V. N. S. Rama Rao, B. P. V. Lingaiah, G. Venkat Reddy, G. Ezikiel, R. Yadla, P. Shanthan Rao*

*ARKIVOC, 2006 (xii) 51-57.*


*Synthetic Communications, 2005, 35, 1307.*

**Patent:**

1. An improved process for 2,2-dichloro-1, 1,1-trifluoroethane (HCFC-123).

P. Shanthan Rao, Y. Rambabu, S. Narayan Reddy, M. Sridhar, P. V. S. S. Srinivas,
T. Yakaiah, B. P. V. Lingaiah.

CSIR/IICT Ref. No. NF-417/04 PT465. (Date of filing Appl. No. 3/3/05, INDIA).

Review:

1. Sodium Azide (NaN₃)

B. Narsaiah, J. S. Yadav, T. Yakaiah, B. P. V. Lingaiah


ARTICLE-RS045

Presentations at the Symposia:


