

### List of Publications

1. T. Gangadhar, Vinod I. Bhoi, S. Kumar and C. N. Murthy\*, Supramolecular self-assembly and nanoencapsulation of [60] fullerene by bis-  $\alpha$ -cyclodextrin *Journal of Inclusion Phenomenon and Macrocyclic chemistry* (**Accepted 2013**).
2. T. Gangadhar, R. P. Singh†, C. N. Murthy\*, A new and efficient synthesis of 6<sup>A</sup>, 6<sup>D</sup>-diisothiocyanato 6<sup>A</sup>, 6<sup>D</sup>-dideoxy  $\alpha$ -cyclodextrin, *Trends in Carbohydrate Research*, 4, 7-12, (2012).
3. T. Gangadhar and C. N. Murthy\* Novel synthesis of low molecular weight water-soluble  $\alpha$ -Cyclodextrin based polymer as supramolecular carriers for nonpolar drug molecules, *Carbohydrate Research* (Communicated).

### List of Conference Presentations

1. 'Synthesis of water-soluble covalently linked [60] fullerene conjugate by Mono-6-azide-6-deoxy-  $\alpha$ -cyclodextrin'  
T. Gangadhar and C. N. Murthy  
1<sup>st</sup> Annual International conference (AIC-1) & Industry –CCRS Congress (ICC), Vishakapatnam, 2013, held on July 13<sup>th</sup> & 14<sup>th</sup>, 2013.
2. "Lithium induced self-assembly of  $\alpha$ -Cyclodextrin into size controllable nanocubes and their unique organogelation ability"  
T. Gangadhar and C. N. Murthy  
Advances in Polymers Science & Nanotechnology: Design and Structure (PSNDS-11), December 16-17, 2011, Applied Chemistry Department, The M. S. University of Baroda, Vadodara
3. 'Regioselective Modification of Cyclodextrin and Their Novel Applications',  
T. Gangadhar and C. N. Murthy  
Celebration of International Year of Chemistry 2011, in the Department of Applied Chemistry, M.S. University of Baroda on Feb-2011.

4. 'Facile synthesis of cyclodextrin based polymers for novel applications'

T. Gangadhar and C. N. Murthy

11<sup>th</sup> International Conference on Frontiers of Polymers & Advance Materials,  
Macro-2010, December 15-17, 2010, Indian Institute of Technology Delhi, Delhi