

## CBC SEMINAR ANNOUNCEMENT



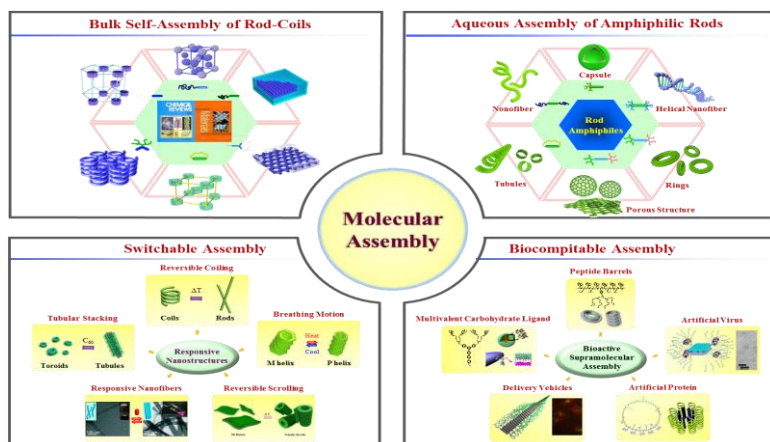
**Professor Myongsoo Lee**  
**Seoul National University**

### Beyond Molecules: from Molecular Assembly to Supramolecular Materials

A major challenging task in supramolecular chemistry is the design of simple molecular components that are capable of organizing into controlled molecular assembly, the essence of which is self-assembly through various types of intermolecular interactions. Along this line, we have explored small rigid-flexible block molecules to create novel self-assembling systems, including controlled self-assembled structures, switchable aggregates, and biocompatible dynamic structures (Figure). Here we will present some of related achievements in our recent study.

#### References

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- 2) H.-J. Kim, T. Kim, M. Lee, *Acc. Chem. Res.*, **2011**, 44, 72.
- 3) H.-J. Kim, S.-K. Kang, Y.-K. Lee, C. Seok, J.-K. Lee, W.-C. Zin, M. Lee, *Angew. Chem. Int. Ed.*, **2010**, 139, 8471.
- 4) E. Lee, J.-K. Kim, M. Lee, *J. Am. Chem. Soc.*, **2009**, 131, 18242.
- 5) Y.-b. Lim, K.-S. Moon and M. Lee, *Chem. Soc. Rev.*, **2009**, 38, 925.
- 6) J.-K. Kim, E. Lee, Y.-b. Lim, M. Lee, *Angew. Chem. Int. Ed.*, **2008**, 47, 4662.



**Date:** 7<sup>th</sup> June 2012 (Thursday)  
**Time:** 2:30pm – 4:00pm  
**Venue:** NTU SPMS CBC Building Level 2,  
 Conference Room  
**Host:** Asst Professor Zhao Yanli