

**Technical Parallel Session**  
**Molecular Engineering of Biological and Chemical Systems (MEBCS)**

Tuesday, 17 January 2006

Location: NUS Campus, Prince George's Park Function Room 1

- 14:00 - 14:20 Topic: NIR-sensitive Au-Au<sub>2</sub>S nanoparticles for targeted drug delivery  
TAN Mei Chee
- 14:20 - 14:40 Template synthesis of tubular Sn-based nanostructures for lithium ion storage  
Yong WANG
- 14:40 - 15:00 Fabrication of micro and nanoparticles of paclitaxel-loaded Poly L Lactide for controlled release using supercritical antisolvent method: Effects of Thermodynamics and Hydrodynamics  
Lai Yeng LEE
- 15:00 - 15:20 Synthesis of infrared-to-visible upconversion fluorescent nanoparticles as bio-probe  
Guangshun YI
- 15:20 - 15:40 Molecular Engineering of Fluorescence Conjugated Polymers for Chemical- and Biosensors Applications  
VETRICHELVAN Muthalagu
- 15:40 - 16:00 Synthesis and self-assembly behavior of well-defined stimuli-responsive [60]fullerene end-capped polymers  
RAVI Palaniswamy
- 16:00 - 16:45 Tea Break/Poster session
- 16:45 - 17:05 Association Behavior of Biotinylated and Non-Biotinylated PolyEthylene Oxide-*b*-Poly(2-(Diethylamino)Ethyl Methacrylate)  
TAN Jian Fong
- 17:05 - 17:25 Addressable protein microarray  
NG Jin Kiat
- 17:25 - 17:45 Template synthesis of tubular Sn-based nanostructures for lithium ion storage  
TAN Hong Kiat
- 17:45 End of Technical Parallel Session