



Upconversion Nanocrystals: A New Class of Luminescent Bioprobes

Xiaogang Liu

Department of Chemistry, National University of Singapore, Singapore 117543

*Institute of Materials Research and Engineering, A*STAR, Singapore 117602*

E-mail: chmlx@nus.edu.sg

Biodata: Dr. Xiaogang Liu earned his BS degree (1996) in Chemical Engineering from Beijing Technology and Business University, China. He received his MS degree (1999) in Chemistry from East Carolina University in Greenville, North Carolina under the direction of Prof. John Sibert and completed his PhD (2004) in Chemistry at Northwestern University in Evanston, Illinois under the supervision of Prof. Chad Mirkin. In the same year he became a postdoctoral fellow in the group of Prof. Francesco Stellacci at MIT. He joined the faculty of the National University of Singapore in 2006. He holds a joint appointment with the Institute of Materials Research and Engineering, Agency for Science, Technology and Research. His interests include nanomaterials synthesis, supramolecular chemistry, and surface science for catalysis, sensors and biomedical applications.