

**Embargoed until 7 pm of Fri 19 March 2010**

## **Inaugural BASF-SNIC Award in Materials Chemistry 2010**

### **Professor Jackie Y. Ying of IBN, A\*Star**

Prof. Ying's interdisciplinary research focuses on chemical synthesis of advanced nanostructured materials for catalytic, ceramic and biomaterial applications. She has authored over 250 articles and has over 120 patents issued or pending. She has delivered over 270 invited lectures on nanostructured materials at international conferences.

She has been recognized with many research awards including the American Ceramic Society Ross C. Purdy Award, Office of Naval Research Young Investigator Award, National Science Foundation Young Investigator Award, Camille Dreyfus Teacher-Scholar Award, Technology Review TR100 Young Innovator Award, American Institute of Chemical Engineers (AIChE) Allan P. Colburn Award, World Economic Forum Young Global Leader, and Chemical Engineering Science Peter V. Danckwerts Lectureship. She was elected a member of the German National Academy of Sciences, Leopoldina in 2005 as the youngest member of the Academy. She was named as one of the "One Hundred Engineers of the Modern Era" by AIChE in its Centennial Celebration, and was recently honored with the Great Woman of Our Time Award for Science and Technology by Singapore Women's Weekly.

She is very active serving on the editorial boards of numerous international referred journals. She has served on the Advisory Boards of 6 start-up companies and 1 venture capital fund.

She is currently the Executive Director of the Institute of Bioengineering and Nanotechnology (IBN), A\*STAR. Under her leadership, IBN is the winner of A\*STAR's 2009 Outstanding Publications Award and 2009 Patent Power Award.

Her exceptional productivity of high-quality research in materials chemistry, outstanding international recognition, and visionary and impactful leadership are the three essential pillars that support her for the BASF-SNIC Materials Chemistry Award.

As recommended by the review panel, the SNIC Council herein confers the Inaugural BASF-SNIC Award in Materials Chemistry 2010 to Professor Jackie Y. Ying of the Institute of Bioengineering & Nanotechnology of A\*Star.