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**For Immediate Release**

**MEDIA RELEASE**

**Prof Jackie Ying in New Role as First Editor-in-Chief of *Nano Today***

Singapore's IBN executive director will lead new Elsevier initiative for international nano research community

SINGAPORE, 4 March 2008 — Institute of Bioengineering and Nanotechnology Executive Director Professor Jackie Y. Ying has been appointed the first Editor-in-Chief of *Nano Today*.

*Nano Today* is published by Elsevier and was founded in 2006 as the only publication dedicated to reviews of nanoscience and nanotechnology. Elsevier is the world's leading publisher of science and health information and serves over 30 million scientists, students, and health and information professionals around the world with 2,000 journals and 19,000 books as well as other products. *Nano Today's* new editorial board led by Professor Ying will build on the publication's unrivalled position to continue to provide the international nano research community with the latest scientific breakthroughs in these areas, as well as expert opinions from leaders in the field.

In 2008, *Nano Today* will publish three double issues on the self-assembly of nanoparticles and their use in biosensing and diagnostics, the synthesis, purification and basic physical properties of carbon nanotubes and nanowires. *Nano Today* will issue six print editions per year from 2009 and will be known as *Nano Today: An International Rapid Reviews Journal*, and all its articles will be made available on ScienceDirect, Elsevier's electronic delivery platform.

"No one could be better placed than Jackie Ying to lead *Nano Today* into the future," said Cordelia Sealy, Managing Editor of *Nano Today*. "As executive director of the Institute of Bioengineering and Nanotechnology in Singapore and adjunct professor of chemical engineering at the Massachusetts Institute of Technology, she is uniquely placed at the intersection of the many disciplines that make nanoscience and nanotechnology both so unique and fascinating."

Professor Ying's distinguished research career in nanostructured materials and systems has impacted a diverse range of applications, including catalysis, pharmaceuticals synthesis, ceramics, energy, environment, drug delivery, tissue engineering, imaging, sensing, medical diagnostics and biological devices.

“I am delighted to accept this new appointment,” shared Professor Ying. “Nanoscience and nanotechnology represent the new frontier for interdisciplinary research. They offer enormous potential for technological breakthroughs in electronic, optical, magnetic and biomedical devices, chemicals and biologics synthesis, energy generation and storage, biomaterials and biomimetic systems, etc. I look forward to working with the team to publish the latest reviews and perspectives by leaders in the field to serve our rapidly growing scientific community.”

As the founding director of IBN, a national research institute of the Agency for Science, Technology and Research (A\*STAR), Professor Ying leads a staff of 200 scientists, engineers and medical doctors working at the interface of bioengineering and nanotechnology. She was an AT&T Bell Laboratories PhD scholar at Princeton University, a NSF-NATO postdoctoral fellow and Alexander von Humboldt Research Fellow at the Institute for New Materials in Germany, and a Professor of Chemical Engineering at MIT. She has received a myriad of awards and honors, including the American Ceramic Society Ross C. Purdy Award, the American Chemical Society Faculty Fellowship Award in Solid-State Chemistry, and the American Institute of Chemical Engineers Allan P. Colburn Award.

In 2005, she was elected a member of the German Academy of Natural Scientists, Leopoldina, and the following year, she was appointed to the U.S. National Academy of Engineering blue-ribbon committee that identified grand challenges for engineering for the 21st century. To-date, Professor Ying has authored over 190 articles and 90 patents/patent applications, and presented over 220 invited lectures at international conferences. She has been recognized as Technology Review’s TR100 Young Innovator and World Economic Forum’s Young Global Leader.

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### **About *Nano Today***

*Nano Today* was launched in 2006 by Elsevier as the international review magazine for all researchers with an interest in nanoscience and technology. It publishes a mixture of cutting-edge peer-refereed review articles, the latest research news, comment and opinion from leaders in the field on all aspects nanoscience and technology. *Nano Today* is covered by Thomson Scientific (SciSearch®, Chemistry Citation Index®, Materials Science Citation Index®, and Current Contents®/Physical Chemistry and Earth Sciences®) and has an Immediacy Index of 1.357, according to the Journal Citation Report 2006. An impact factor for *Nano Today* will be calculated in the Journal Citation Report 2007, to be published in 2008. Find out more from [www.nanotoday.com](http://www.nanotoday.com).

Nano Today covers all aspects of the latest research in nanoscience and technology and in 2008 will be publishing three double issues on the self-assembly of nanoparticles and their use in biosensing and diagnostics, the synthesis, purification, and basic physical properties of carbon nanotubes and nanowires.

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## About the Institute of Bioengineering and Nanotechnology (IBN)

**The Institute of Bioengineering and Nanotechnology (IBN)** is a member of the Agency for Science, Technology and Research (A\*STAR). Established in March 2003, IBN is headed by its Executive Director, Professor Jackie Y. Ying. The Institute's mission is to establish a broad knowledge base and conduct innovative research at the interface of bioengineering and nanotechnology. Positioned at the frontiers of engineering, IBN is focused on creating knowledge and cultivating talent to develop technology platforms in the following six areas:

- Delivery of Drugs, Proteins and Genes
- Cell and Tissue Engineering
- Artificial Organs and Implants
- Pharmaceuticals Synthesis and Nanobiotechnology
- Medical and Biological Devices
- Bioimaging and Biosensing

In 2008, IBN celebrates 5 years of innovative research. For more information, please log on to [www.ibn.a-star.edu.sg](http://www.ibn.a-star.edu.sg).