

Jackie Ying is now Materials Research Society fellow

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Singapore: A*STAR's Institute of Bioengineering and Nanotechnology (IBN) executive director Professor Jackie Y Ying has been selected as a 2013 Materials Research Society (MRS) Fellow for her distinguished contributions to the synthesis of advanced nanostructured materials with unique functionalities for catalytic and biomaterial applications and for her distinguished service to the materials community.

MRS is an organization of materials researchers from academia, industry, and government that promotes communication for the advancement of interdisciplinary materials research to improve the quality of life.

Professor Jackie Y Ying said that, "I'm delighted and honored to be elected as a Materials Research Society Fellow. The field of materials science is exciting and holds great promise. In particular, with the latest advancements in nanotechnology, we are in a unique position to develop new materials that can solve many biomedical, energy and environmental problems. This fellowship will motivate me to continue pushing the limits of materials science for the benefit of society."

Professor Ying's laboratory has developed a variety of novel approaches that create nanoporous and nanocomposite materials that are important for catalytic, fuel cell, bioimaging and biosensing applications. Her research group has designed nanostructured biomaterials and miniaturized biosystems for drug delivery, tissue engineering, and molecular diagnostic applications. Professor Ying has authored over 310 articles, and presented over 360 invited lectures on this subject at international conferences.

