

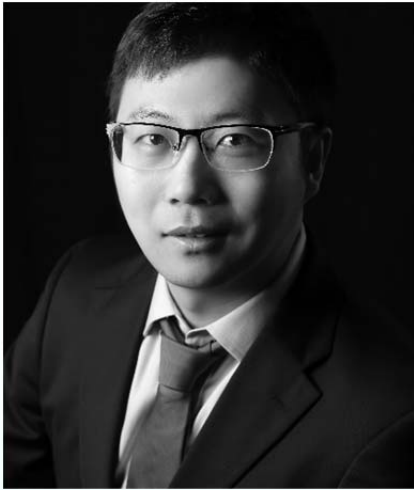


The Chinese University of Hong Kong
Department of Biomedical Engineering



Time: 11:30 am, 26 Jan 2018 (Fri)

Venue: Room 222, Ho Sin Hang Engineering Building, CUHK, CUHK



From Toys to Tools

Apply DNA Nanotechnology on Bioengineering

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Abstract

DNA nanotechnology, as a sophisticated art of programming and fabricating arbitrary structures with nanometer precision, has shown the world its tremendous potential for multidisciplinary applications.

Employing DNA nanostructures as the exoskeleton, we have successfully synthesized uniform lipid vesicles with defined size and shape. The freshly established method disclosed a new direction of lipid membrane engineering, and this is just the beginning.

Biography

Yang Yang Ph.D.

- 2001-2005, B.S. of Biology
Nankai University
- 2005-2010, Ph. D. of Physical Chemistry,
National Center for Nanoscience and Technology
- 2010-2012, Postdoctoral Associate
Biodesign Institute, Arizona State University
- 2012-2017, Associate Research Scientist
Nanobiology Institute, School of Medicine, Yale University

***** ALL ARE WELCOME*****

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