

**NUS Graduate School for Integrative Sciences and Engineering
Research Project Write-up**

Title of Project : **Micropatterning of proteins & cells via self-assembled nanoparticles**

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Short Description

Micropatterning of biomolecules forms the basis of cell culture, biosensor and microarray technology. We have reported methods to pattern biomolecules through self-assembling polystyrene nanoparticles in arrayed microwells on a solid surface to form well-ordered patterning, followed by attaching biomolecules and cells to the assembled nanoparticles.

