



ADVANCED FUNCTIONAL MATERIALS

CATIONIC NANOGELS

On page 2993, C. van Nostrum and co-workers demonstrate the reversible immobilization of an antigen in a nanogel by electrostatically driven post-loading and subsequent disulfide bond formation. The antigen is stably encapsulated outside cells, but rapidly released after uptake of the nanogels by dendritic cells, by the action of the reducing intracellular environment.