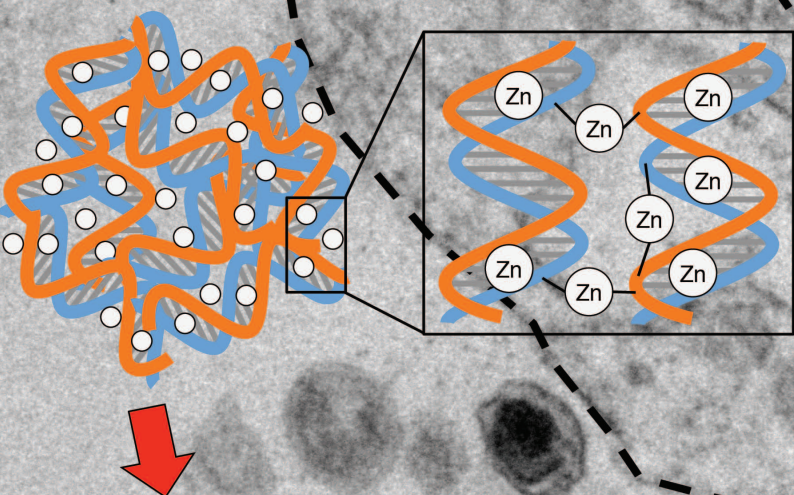


*Endocytosis/
Endosomal escape*

ADVANCED FUNCTIONAL MATERIALS

Macropinocytosis



GENE DELIVERY

On page 5445, Y.-W. Won, D. A. Bull, and co-workers show that Zn^{2+} is able to assemble nucleic acids into a nanocluster that is capable of spontaneous internalization into cells. Zn^{2+} shows superior gene transfection efficiency among the three divalent metal ions tested. Various endocytosis mechanisms are involved in the cellular uptake of the Zn/DNA cluster.

Uptake of Zn/DNA Nano-Cluster
Spontaneous Internalization
of Self-assembled DNA