



Transfection of mammalian cells, human lymphocytes (above) and human carcinoma HeLa cells (below), by means of calcium alginate microbeads bearing immobilized DNAs. Phase-contrast micrographs (left panel), and fluorescent micrographs (right panel) show expression of the pEGFP-C1 plasmid containing the CMV promoter and the EGFP gene.

Related article: Higashi, T., Nagamori, E., Sone, T., Matsunaga, S., and Fukui, K., "A novel transfection method for mammalian cells using calcium alginate microbeads", *J. Biosci. Bioeng.*, vol. 97, 191-195 (2004).