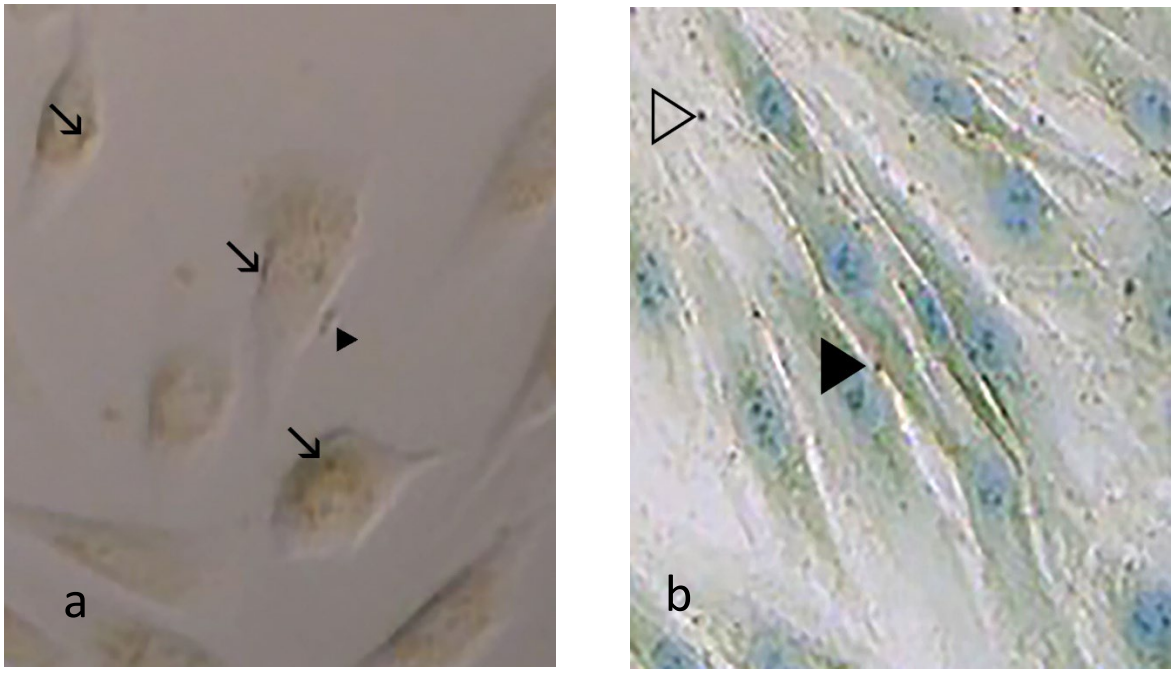
Supplement 1



Cell morphology after treatment with dendrimers (a) at low concentration of 7,5μg/ml and (b) high concentration of 30 μg/ml. The arrows point the dendrimers in cell periphery and the triangles point the dendrimers outside of the cells. The cells appeared more rounded, with accumulated brown particles (internalized dendrimers) evident in the cytoplasm (a, arrows). However, cell viability was not affected. The cells continued to spread and formed a thick layer. At the higher concentration of 30 μg/mL 2 hours post-treatment, all recorded cells appeared blue under the microscope, indicating compromised membrane integrity and dead or dying cells, and brown clusters of dendrimers in the medium surrounding the cells were observed (b).