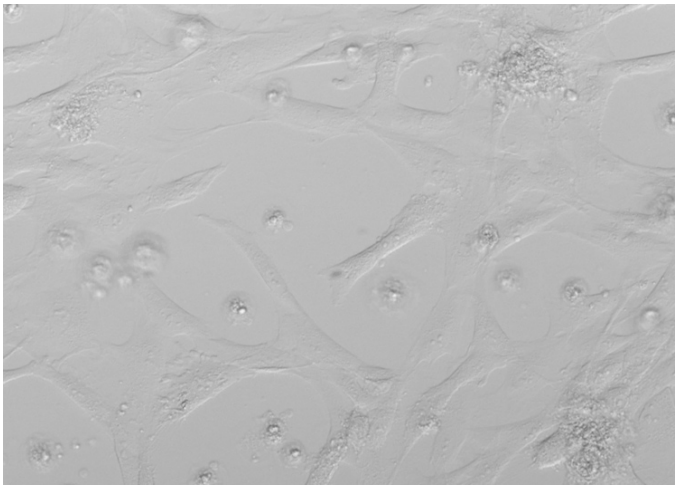
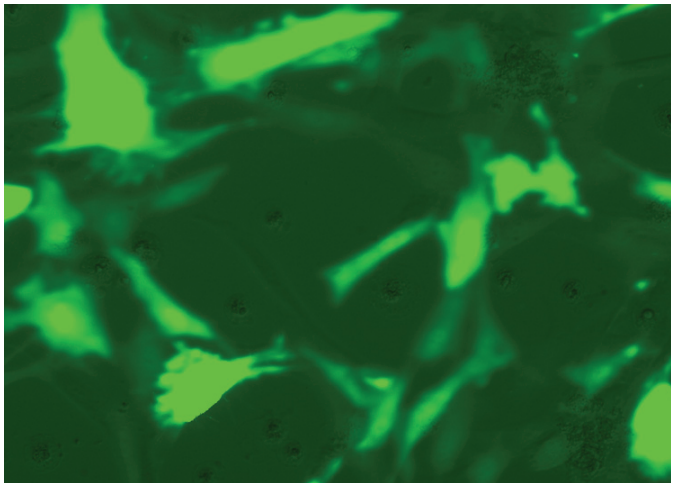
Human Adipose-Derived Stem Cells (ADSC)

A



B



Human Adipose-Derived Stem Cells (ADSC) were transfected using the Neon™ transfection system and 0.5 µg of a plasmid encoding the EGFP. 48 hours post transfection, the cells were analyzed by light **(A)** and fluorescence microscopy **(B)**.

Electroporation parameters

Pulse voltage (v)	Pulse width (ms)	Pulse number	Cell density (cells/ml)	Transfection efficiency	Viability	Tip type
1,400	10	3	1 x 10^7	88%	96%	10 µl
1,200	20	2	1 x 10^7	79%	99%	10 µl

Cell information

Cell type/description	Human Adipose-Derived Stem Cells (ADSC
Characteristics/species	Adherent/human
Tissue origin	Lipoaspirate
Media	Complete MesenPRO RS™ Medium with MesenPRO RS™ Growth Supplement and L-glutamine
Morphology	Spherical, colony
Double time	—
Subculturing	Medium renewal: every 2 to 3 days
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO_2), 5%