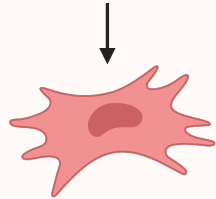
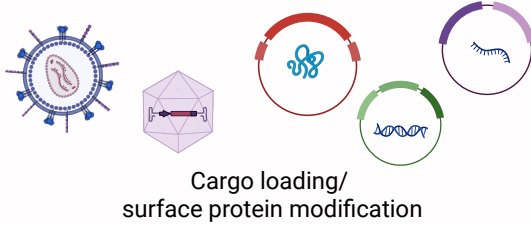


MSC-EVs

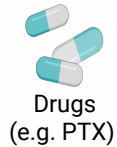
Endogenous modification

Genetic engineering



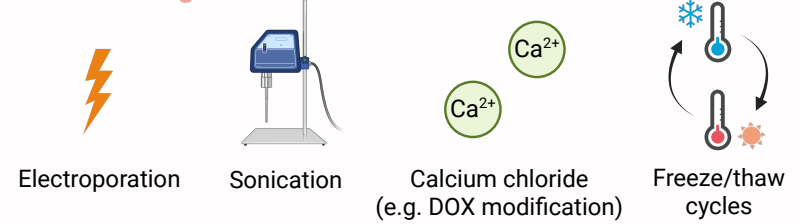
MSC cells

Environment preconditioning



Exogenous modification

Active loading



Cargo:
Nucleic acids, proteins, lipids

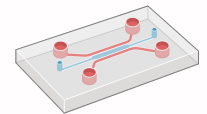
POxylation EVs

SPIONs

Chemical modification

(e.g. SPION, POx)

Passive loading



microfluidic system