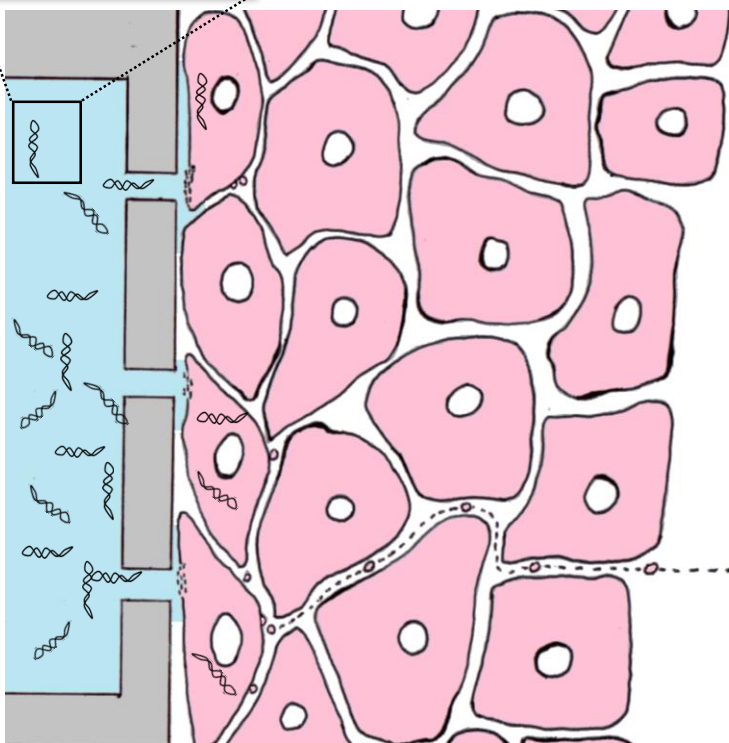


Topical Nano-Transfection: *in vivo* technique for cell reprogramming

Electric pulse of 250V, for 10ms, 10 times

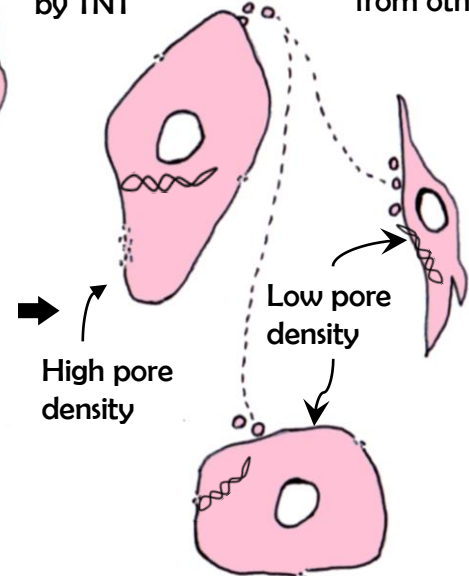


500nm channels



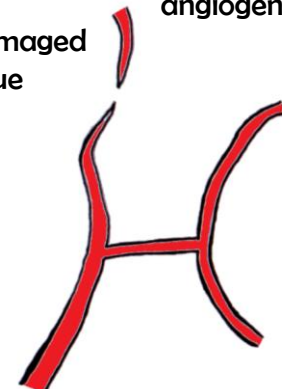
Transfected by TNT

Transfected by EVs* from other cells



Damaged tissue

Induced angiogenesis

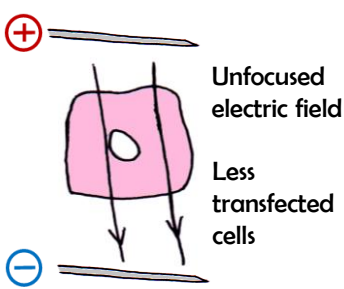


Applications

- Rapid regeneration of tissues
- Genetic engineering
- Protein expression
- RNA delivery

*External Vesicles
Exact function is unknown.
In here, used for distal transfection.
Maybe generated from debris after TNT poration.

Bulk Electrophoresis



Topical Nano-Transfection

