



Timothy TAN Ph.D, PPA(G)

Academic Entrepreneur

Associate Professor, Chemical and Biomedical Engineering

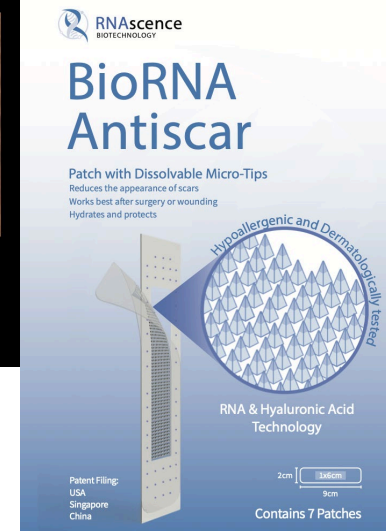
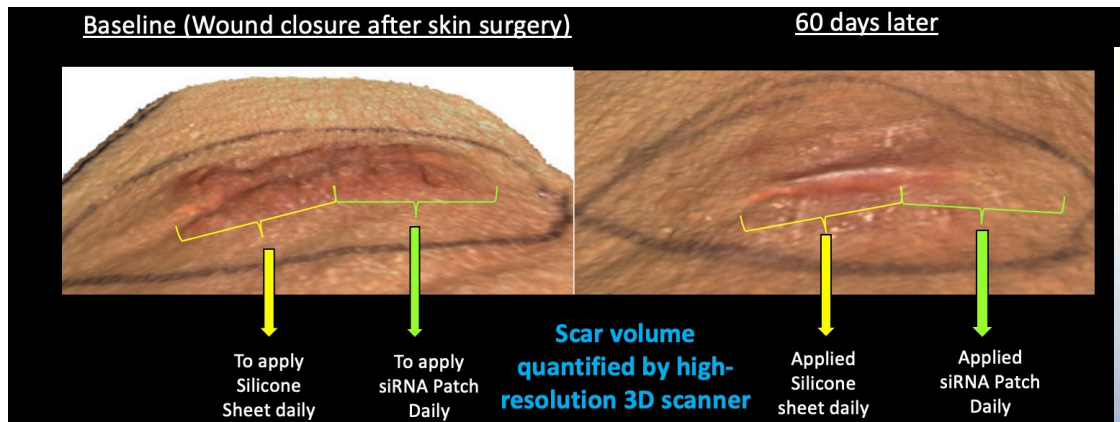
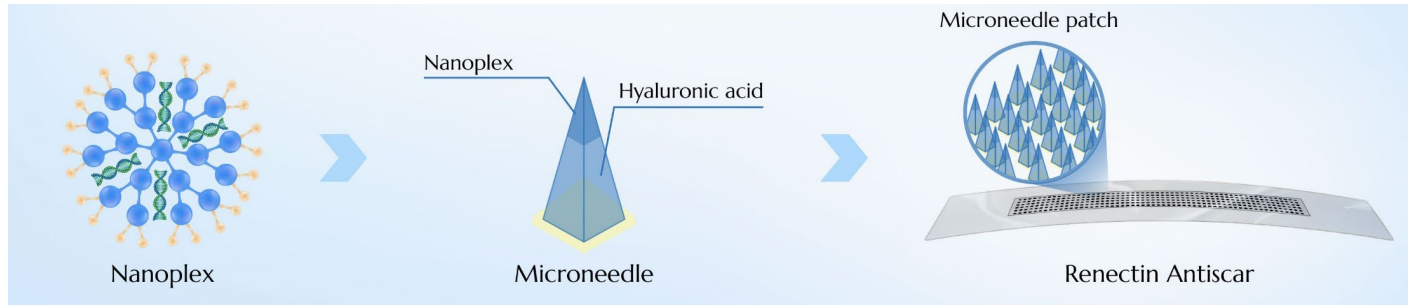
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Research Areas: **siRNA nanomedicine: Transdermal gene-silencing and dry powder inhalant multi-pathways gene-silencing for lung diseases**



**Transdermal
gene silencing:
siRNA microtips
scar patch**

**BioRNA Antiscar
patch:
Patient studies
demonstrate
effective scar
reduction and
safety**



Start-up:

Founder, Advisor. RNAscence Biotechnology Pte Ltd (<https://www.rnascence.com/>)

Active fundings:

NMRC, NGF-POV, NATi, I2START

Relevant publications:

Biomat Sci, 2022 10 (14), 3963-3971, Sci Rep, 2021 11 (1), 1-14, Ann Acad Med Sg, 2024, 53 (2) 113-116



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