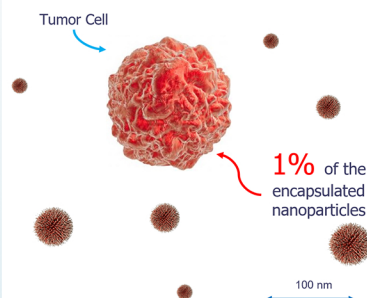


Our technology, 'High-intensity Acoustofluidic Mixer', is capable of producing uniform, reliable and customized FDA approved polymeric shell for nanoparticles.

PROBLEM



Quality problems cause a decrease in efficiency of drug delivery.

Quality depends on:

- Uniformity
- Stability
- Reproducibility

“

It is **difficult to ensure reproducibility** of the nanoparticles.”

Dr Michaël Rossier, Avantama AG

“

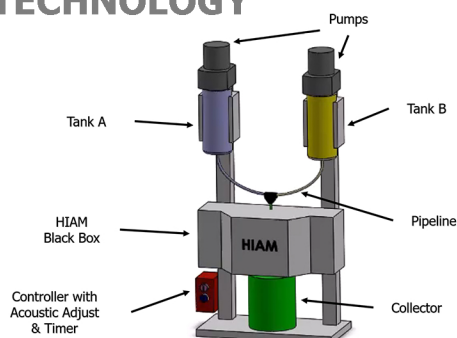
Organic nanoparticle stability is one of the most important concerns.”

Dr Christian Wiraja, NTU

According to **SIGMA-ALDRICH**, **61%** of the **respondents** has difficulty on **reproducibility**.

Stability is one of the big challenges for nanoencapsulation research, according to a report **FROST & SULLIVAN**

TECHNOLOGY

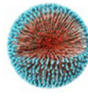
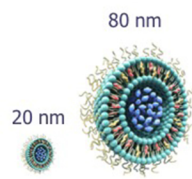
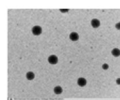
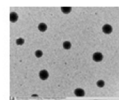
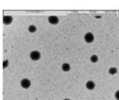
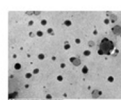


Non-uniform

Uniform

Last year

This year



Uniformity

$PDI \leq 0.1$

Reproducibility

Able to reproduce same results consistently

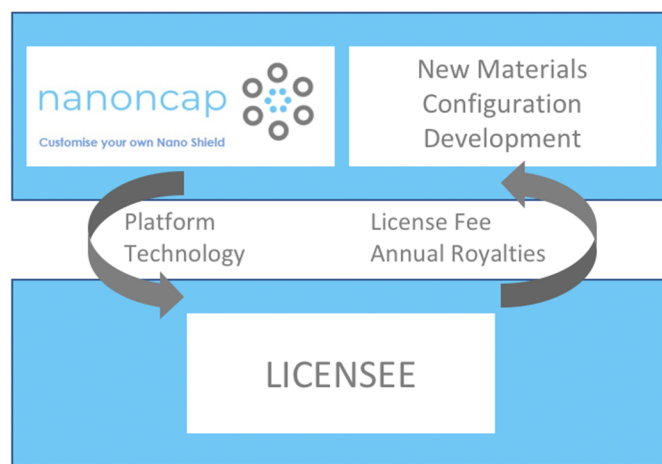
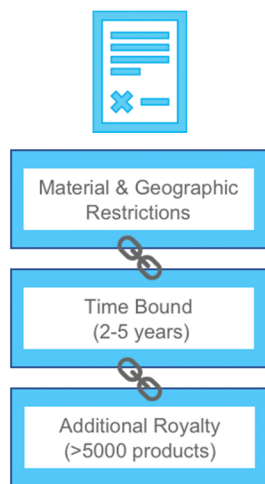
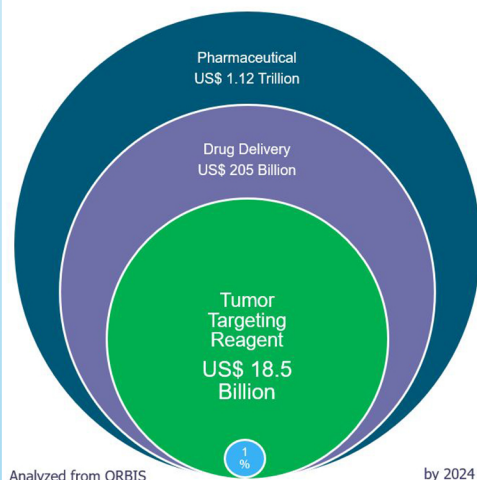
Customizable Particle Size

20 nm – 500 nm

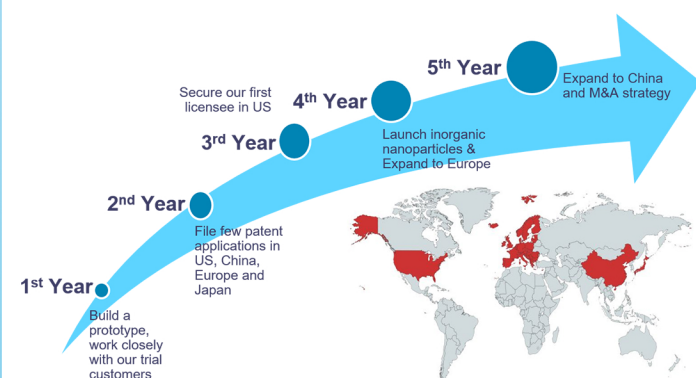
Stability

6 months to 1 year

MARKET & BUSINESS MODEL (LICENSING)



5 YEAR BUSINESS PROJECTION



FINANCIAL PROJECTION

