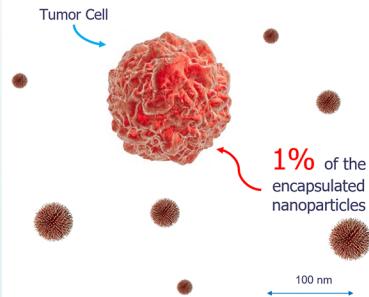




Our technology, 'High-intensity Acoustofluidic Mixer', is capable of producing uniform, reliable and customized FDA approved polymeric shell for nanoparticles.

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 Michael Rossier, Avantama AG

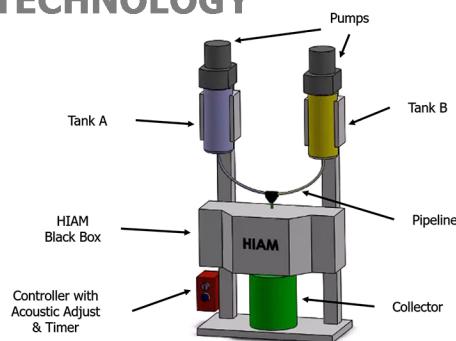
“Organic nanoparticle **stability** is one of the most important concerns. **”**

Dr Christian Wiraja, NTU

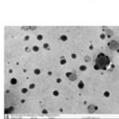
According to **SIGMA-ALDRICH**, **61%** of the **respondents** has difficulty on **reproducibility**.

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

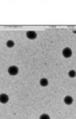
TECHNOLOGY



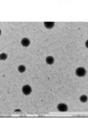
Non-uniform



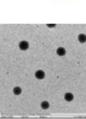
Uniform



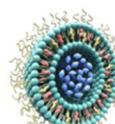
Last year



This year



80 nm



20 nm



Customizable Particle Size

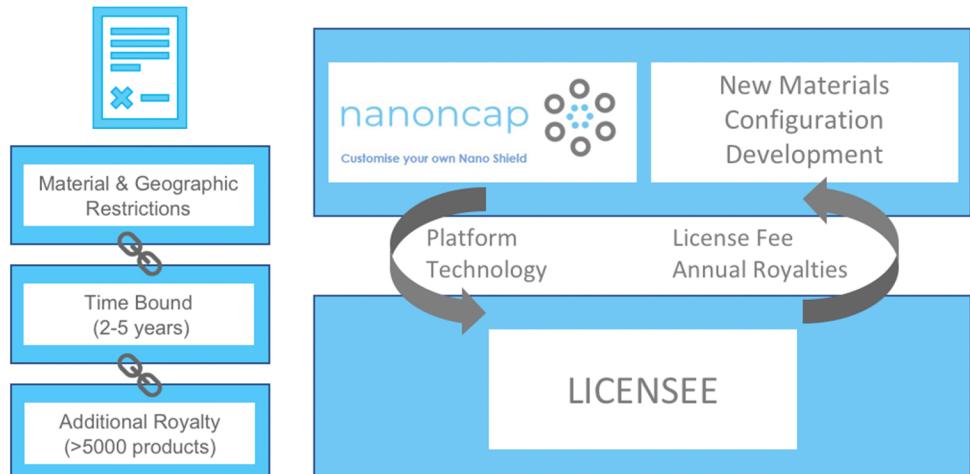
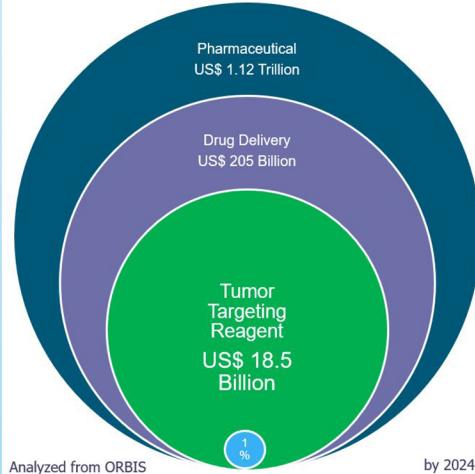
20 nm – 500 nm



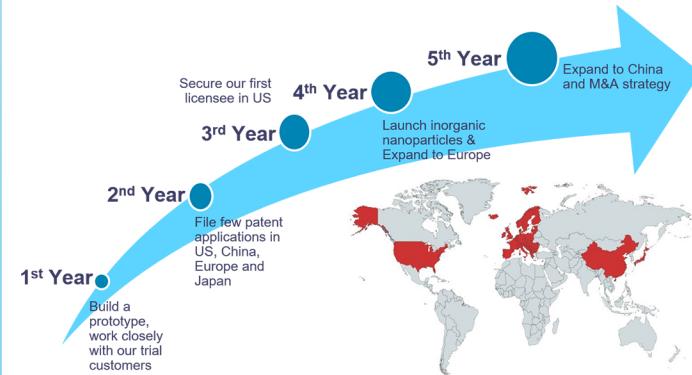
Stability

6 months to 1 year

MARKET & BUSINESS MODEL (LICENSING)



5 YEAR BUSINESS PROJECTION



FINANCIAL PROJECTION

