



Mark Ruane
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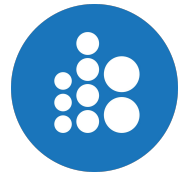


Accurate Particle Analysis is Critical

$$\frac{\text{Particle size} + \text{Concentration} + \text{Payload}}{\text{d}} = \text{Dose}$$

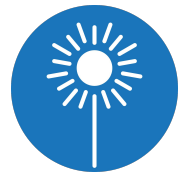
Key parameters for developing effective nanomedicines.

Spectradyne's ARC Particle Analyzer



Accurate concentration & size at the nanoscale by MRPS.

Electrical measurements to 50 nm diameter.



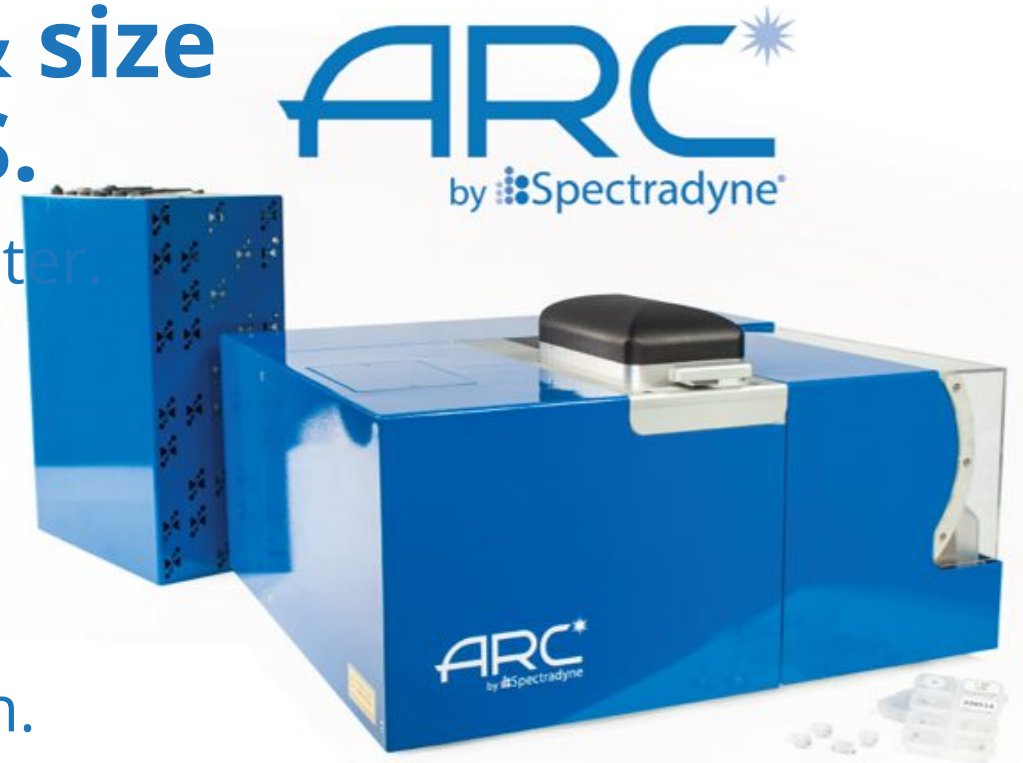
Quantitative, single-particle fluorescence.

Particle by particle payload & distribution.



In a single instrument.

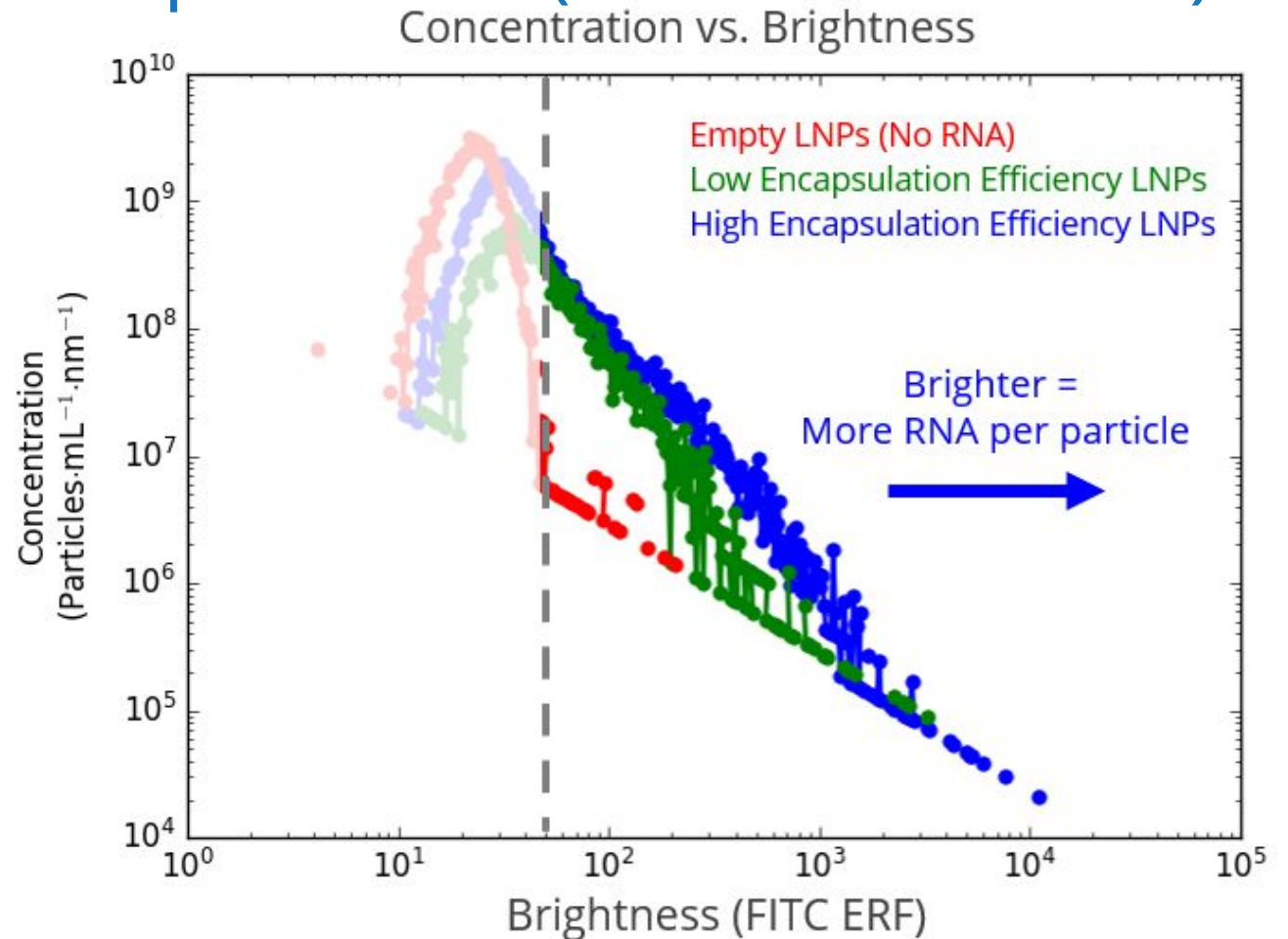
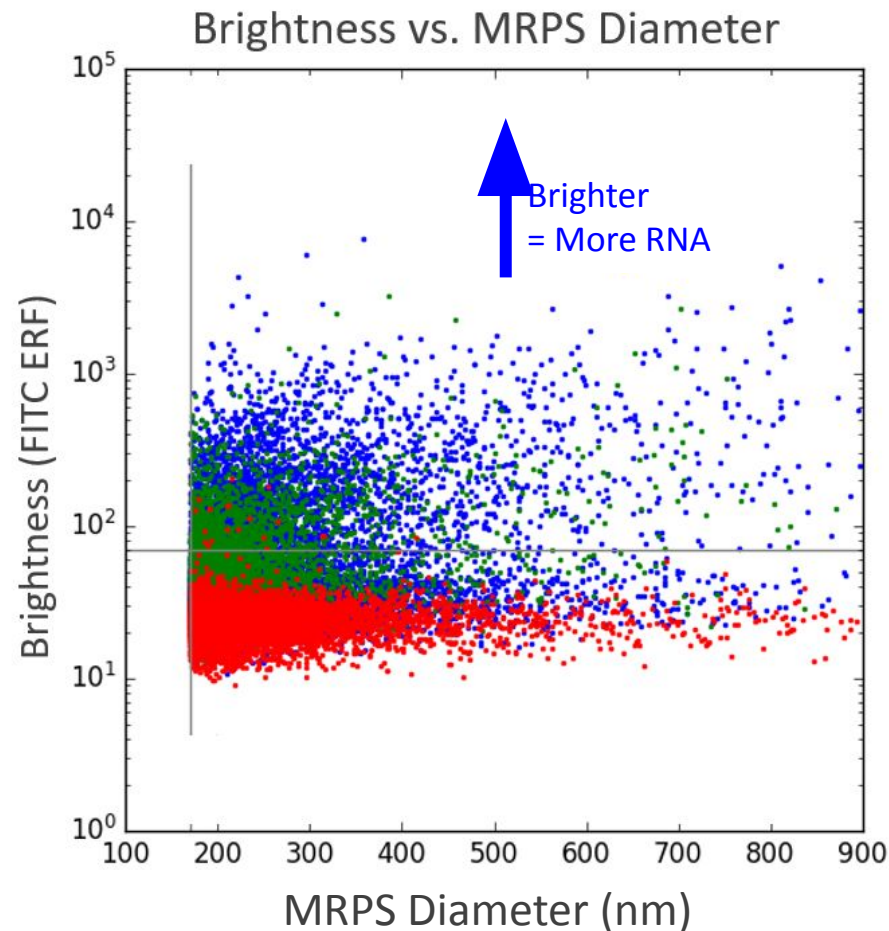
Fast & easy to use, compatible with flow protocols & reagents.



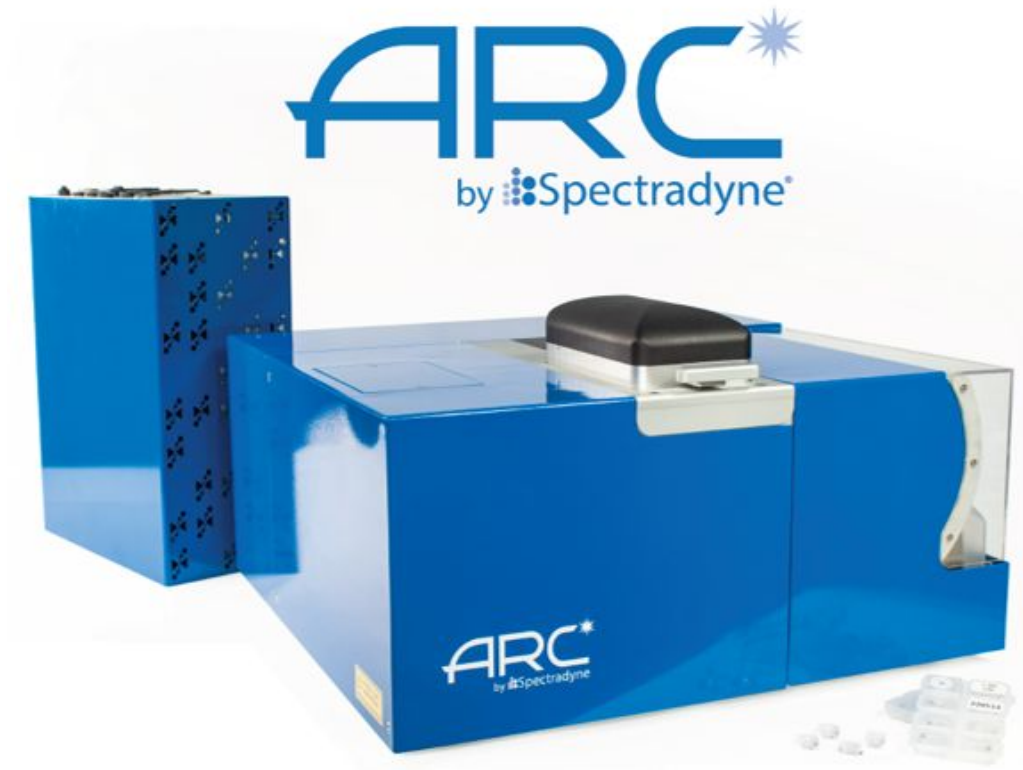
LNP Payload Quantification



LNPs with varied RNA encapsulation (SYBR Gold Stain)



Spectradyne's ARC Particle Analyzer



A completely new way to quantify nanomedicines.

Learn More



Short videos & more at
nanoparticleanalyzer.com:

- ▶ [Technology overview](#) (1.5 min)
- ▶ [Virtual demo](#) (6 min)
- [Product launch event](#) featuring:
 - Dr. Jennifer Jones (NIH/NCI)
 - Dr. Edwin van der Pol (UMC Amsterdam)

ARC*

- Application notes:
 - [LNP payload quantification](#)
 - [Virus cargo quantification](#)

ARC*

- [Extracellular vesicles](#)
- [The ARC product page](#)





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