

**School of Medicine, Deakin University, Nanoparticle Tracking Analysis (NTA)
Application form**

Please provide following information.

1. **The purpose of using NTA (what kind of information one wishes to obtain from NTA)?**
2. **List the composition, including payload, of each and every types of nanoparticle to be analysed.**
3. **Are there any cytotoxic agents contained in the nanoparticles?**
4. **NTA can only accommodate hydrophilic samples. List any organic solvent(s) association with the nanoparticle preparation.**
5. **What is the size and size range of the nanoparticle, including evidence of DLS measurement.** Particle of unknown size have to be studied by other methods first (e.g. TEM) to provide the information of maximal particle size.
6. **In what solution will the nanoparticle be suspend for NTA analysis?**
7. **What will be the total nanoparticle counts in one preparation to be used for NTA analysis?**

Student:

Name:

Signature _____

Supervisor:

Name:

Signature _____

Date: _____

To be approved by Professor Wei Duan:

Date: _____; Signature _____