

1. Dermal
Macrophage

2. Dendritic Cell

3. Lymphatic
Transport
Pathway

4. Nanoparticles
Under 100nm

5. Particles
Over 200nm

6. Intracellular
Pigment
Persistence

7. Regional
Lymph Nodes



Particles exceeding 200 nanometers remain localized, while smaller insoluble fractions persist within migrating macrophages.

CELLULAR ENGULFMENT AND MIGRATION