

Day 1

- Seed MSC
 - Prepare MSC cell suspension (10^5 cells/mL)
 - Seed 96-well plate (100 μ L/well)
 - Seed 4-well chamber slide (530 μ L/well)
- Treat M Φ \pm 250 ng/mL IFN- γ

Day 2

- Co-Culture
 - Prepare M Φ cell suspension for control and treated M Φ cultures (2×10^5 cells/mL)
 - Seed 96-well plate (100 μ L/mL)
 - Seed 4-well chamber slide (530 μ L/well)
- Incubate overnight, 37 $^{\circ}$ C, 5% CO $_2$ in air.

Day 3

- Phagocytosis Assay
 - Add pHrodo labeled particles
 - Kinetic fluorescent 96-well plate read
 - Dynamic imaging of 4-well chamber slide