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pH-Rodo pathogens to monitor phagocytosis in pMacs

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Protocol status: Working

We use this protocol and it's working

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Abstract

pH-Rodo pathogens to monitor phagocytosis in pMacs

Troubleshooting

- 1 Once pMacs have adhered to plate, resuspend pHrodoTM Green *E. coli* BioParticlesTM in InvitrogenTM Live Cell Imaging Solution to a final concentration of 1mg/mL and sonicate in bath sonicator for 10 minutes.

Add 100 μ L of *E. coli* BioParticles solution to each well (96-well plate).

Place cells in a live imaging chamber (37°C, 5% carbon dioxide, and 95% humidity) of an EVOSTM M7000 (Invitrogen) at 20 x magnification capture 4 images per well every 20 minutes for 5 hours.

Use brightfield images for automated-focus throughout the time course and use for normalization of GFP *E. coli* images.