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## Mitophagy induction using Difereprone

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### ABSTRACT

Mitophagy induction in HeLa cells using Difereprone (DFP)

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<https://protocols.io/view/mitophagy-induction-using-difereprone-cybhxsj6>

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**Protocol status:** Working  
We use this protocol and it's working

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## Day 1

- 1 Seed cells, aiming for a confluency of 80-90% at the time of treatment the next day.

## Day 2

1h

- 2 Feed cells for  01:00:00 in an appropriate volume of standard growth media. 1h
- 3 During the feed, warm up the difereprone (DFP) stock aliquot in a 37 deg C waterbath. Centrifuge the stock tube after thawing to ensure the DFP has returned to solution.
- 4 To start the treatment, replace the media in each well with standard growth media that contains 1 mM DFP.
- 5 Harvest the samples after the desired treatment times.