1. **Incubate drops with HL60 differentiating-conditioned media**

Before proceeding with preparing PDMS chip, stain with Nile Red, if needed and pre-incubate drops with HL60 differentiating-conditioned media

* 1. Recover growing media from your cells (differentiating-conditioned media)
  2. Add 100µl of dense emulsion in 1ml of differentiating-conditioned media, let stay at RT for 30 min under rotation

1. **Stain drops with Nile Red**
   1. Add 10µM finale of Nile Red to drops of 1.2, let stay at RT 30’-1h(no rotation)
2. **Load drops into chips**

For good drops loading prepare chips and treat with plasma just before loading.

* 1. Leave prepared chips for 30’ under vacuum (better in the plasma machine to keep sterility)
  2. Recover floated drops (50µl of 2.1) with a P100 or 200 and load wells.