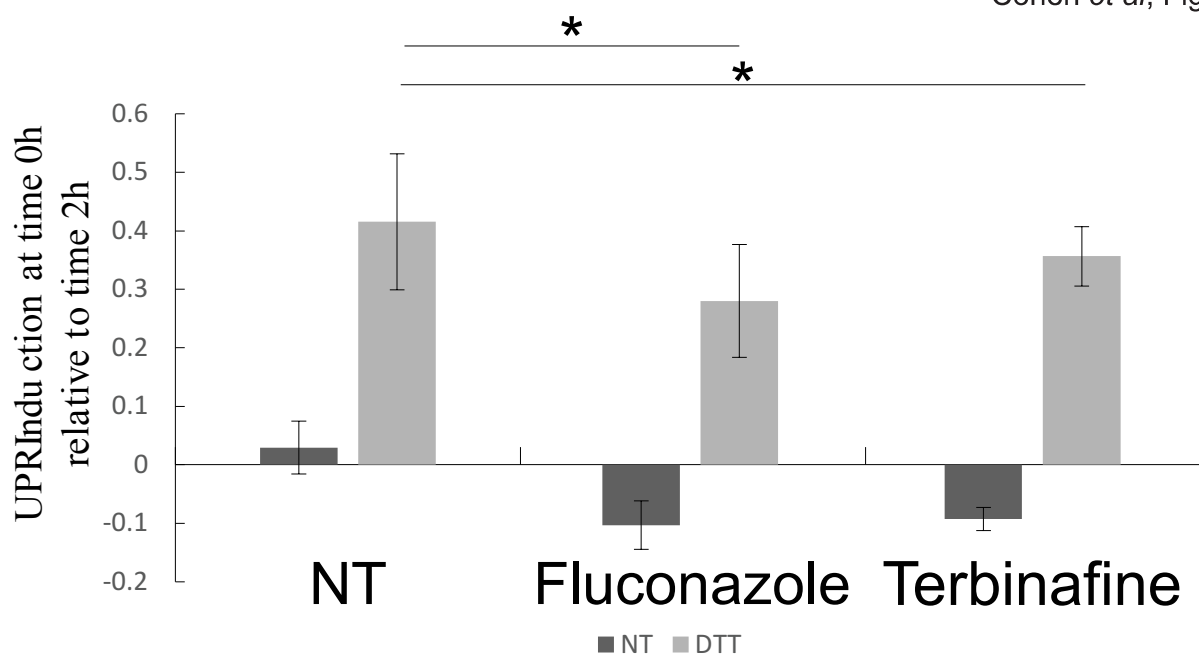


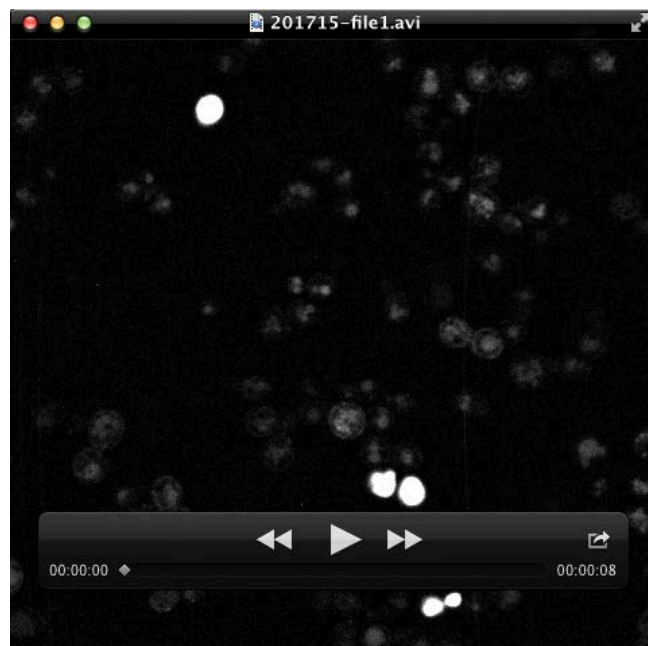
Supplementary Figure 1: Iron does not activate the UPR on its own.

- A) Ire1-mCherry visualization during iron depletion shows no change
- B) Ire1-mCherry clustering is not affected by the amount of iron in the medium without UPR induction.



Supplementary Figure 2: Ergosterol inhibitors reduce UPR activation.

The ergosterol inhibitors, fluconazole and terbinafine, reduce the effective UPR response as can be seen by measuring a UPR-GFP reporter normalized to cytosolic mCherry over time at unstressed conditions and following ER stress (2mM DTT).



Supplementary Movie 1: Time lapse of Ire1-mCherry clustering following 2mM DTT treatment over 14 hours.



Supplementary Movie 2: Time lapse of Ire1-mCherry clustering following 2mM DTT treatment over two hours in iron repletion (Low iron SD + 7 μ m FeCl₃ +2mM DTT) or iron depletion conditions (Low iron SD +2mM DTT) and their control (Low iron SD + 3.5 μ m FeCl₃ +2mM DTT) (iron concentrations identical to regular SD).

Table S1-S6

[Click here to Download Tables S1 - S6](#)