

Supplementary figures and tables

Mechanism of *cis*-Nerolidol-Induced Bladder Carcinoma Cell Death

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Figure S1. *cis*-nerolidol reduces cell viability through two cell death events with distinct cell morphologies

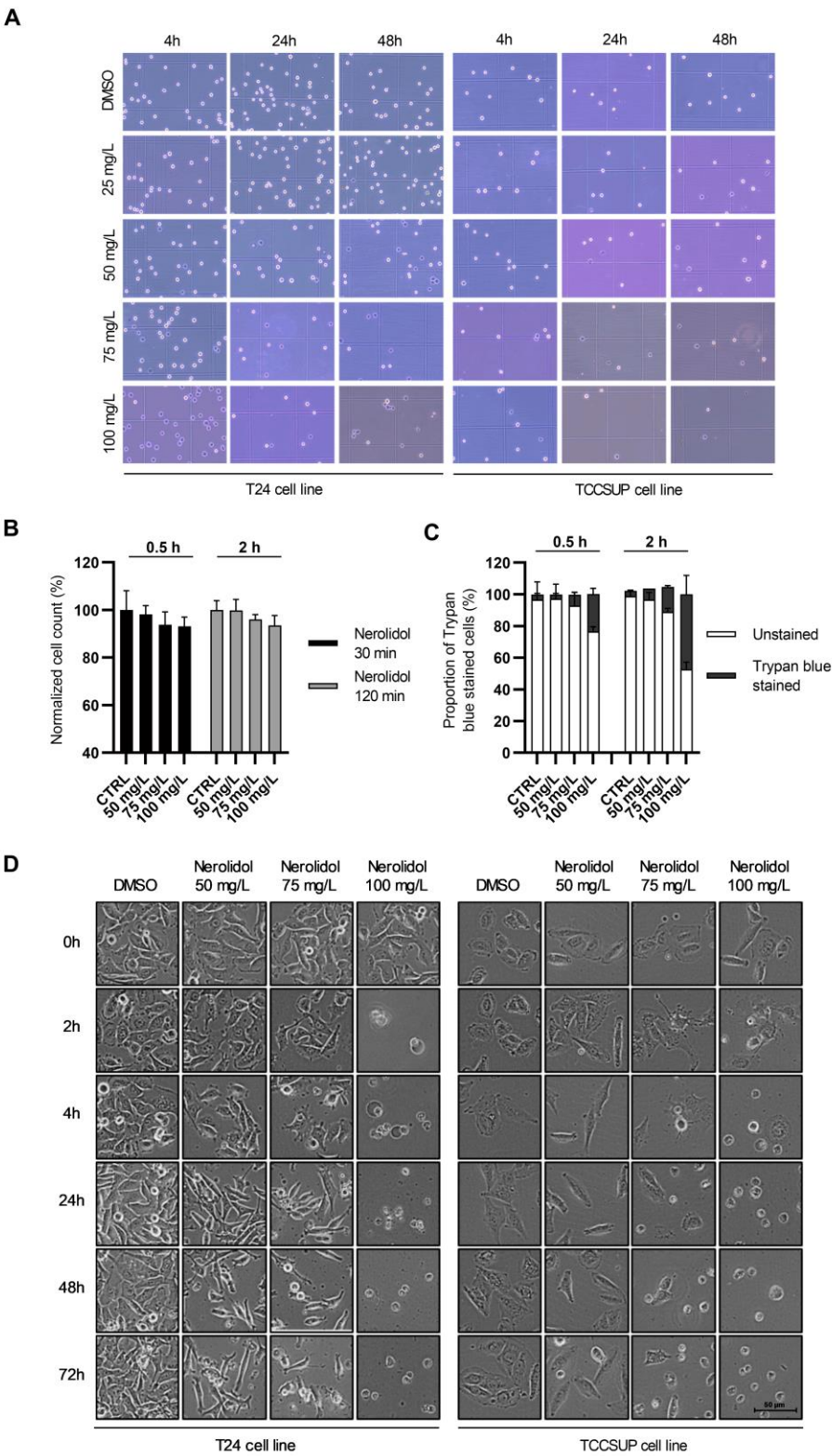
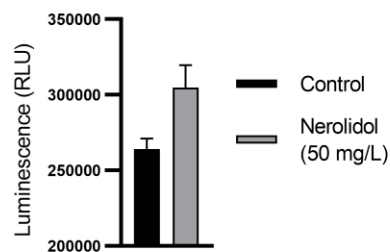
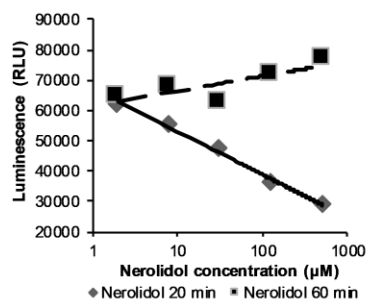


Figure S2. *cis*-nerolidol causes deregulation in ROS, ATP, and cAMP production

A



B



C

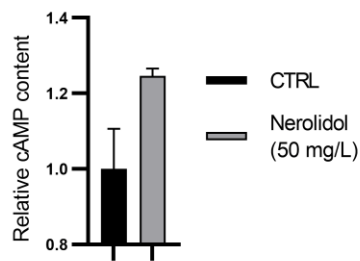


Figure S3. Short exposure to *cis*-nerolidol reduces cell proliferation and changes in cell morphology

A

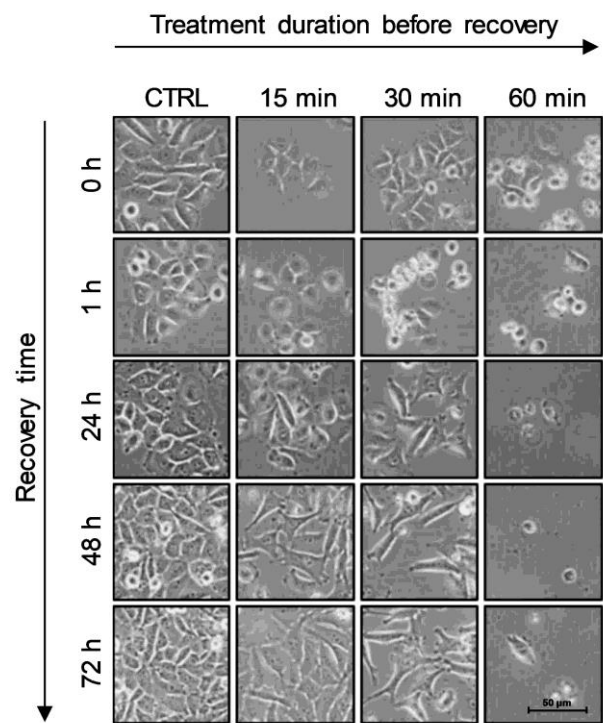
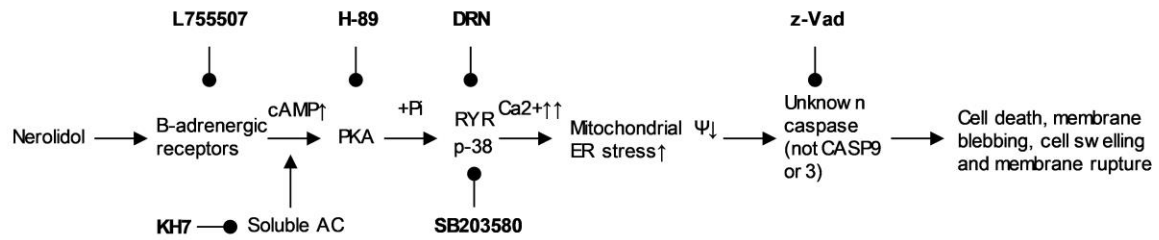


Figure S4. Signal transduction network involved in *cis*-nerolidol induced cell death

A



B

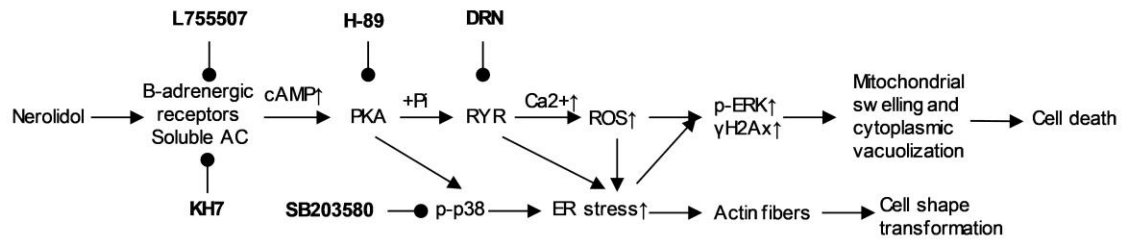


Table S1. IC₅₀ values for reduction of cell count at different time points

| T24 cell line | 4h | 24h | 48h | 72h |
|----------------------|-----------|--------------|--------------|--------------|
| IC50 (mg/L) | >100 | 42.82 ± 3.88 | 37.06 ± 4.22 | 25.58 ± 2.82 |

| TCCSUP cell line | 4h | 24h | 48h | 72h |
|-------------------------|-----------|--------------|-------------|--------------|
| IC50 (mg/L) | >100 | 71.92 ± 6.30 | 51.19± 7.52 | 46.59 ± 5.30 |