## Lieske 2000

Strychnine – *theoretically* increases j1 – links sighs tighter to eupnea

Cadmium – reduces j0 and j1 – stops sighs

Substance P – increase j1 – increases sighs

## Toporikova 2015

Cadmium – reduces j0 and j1 – stops sighs

CPA or thapsigargin – reduces serca pumps (v3) – stops sighs

Riluzole – reduces j1 – Slows but doesn’t stop sighs

High ext. K+ – increases j1 – increases sigh freq, but not by much

ZD 7288 – blocks Ih, increasing eupn freq in our model? – blocks sighs, model doesn’t replicate this

## Li 2016

NMB/Grp – activates Gq GPCRs, increasing v1 (IP3 production) – **selectively** increases sigh freq

BIM23042/RC3095 – blocks G1 GPCRs, decreasing v1 (IP3 production) – **selectively** decreases sigh freq