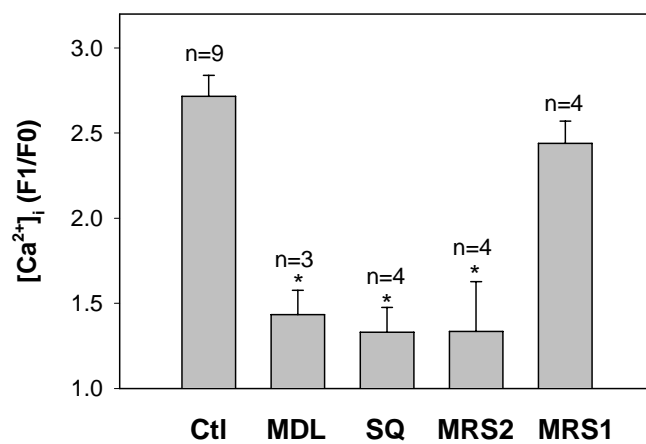


**Online Supplement Fig. 1.** Effect of CNG channel inhibitors on ATP-induced non-CCE in BAECs. A-C: representative traces of ATP (100  $\mu$ M)-induced non-CCE in control (A), *L-cis*-diltiazem (50  $\mu$ M)-treated (B), and LY-83583 (20  $\mu$ M)-treated cells (C). D: summary of data as in A-C. Ctl indicates control; L-dil, *L-cis*-diltiazem; LY, LY-83583. Mean  $\pm$  SEM ( $n = 6-10$  experiments, 10-15 cells per experiment). \* $P < 0.05$  compared to the control.



**Online Supplement Fig. 2.** Effect of a panel of pharmacological agents on ATP-induced non-CCE in BAECs. Ctl indicates control; MDL, MDL-12330A (10  $\mu$ M); SQ, SQ-22536 (300  $\mu$ M); MRS2, MRS-2179 (10  $\mu$ M); MRS1, MRS-1754 (1  $\mu$ M); ATP (100  $\mu$ M). Mean  $\pm$  SEM ( $n = 3-9$  experiments, 10-15 cells per experiment). \* $P < 0.05$  as compared to the control.