



**Figure 10.**  $\text{Ca}^{2+}$  transients in response to various stimuli and their effects on cytosolic  $\text{Ca}^{2+}$  levels. *A*,  $\text{Ca}^{2+}$  transients in response to various stimuli. *B*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels. *C*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of thapsigargin. *D*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of 2-APB. *E*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of Bay K 8646. *F*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *G*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *H*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *I*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *J*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *K*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *L*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *M*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *N*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *O*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *P*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *Q*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *R*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *S*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *T*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *U*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *V*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *W*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *X*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *Y*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine. *Z*, Effect of  $\text{Ca}^{2+}$  transients on cytosolic  $\text{Ca}^{2+}$  levels in the presence of flunarizine.