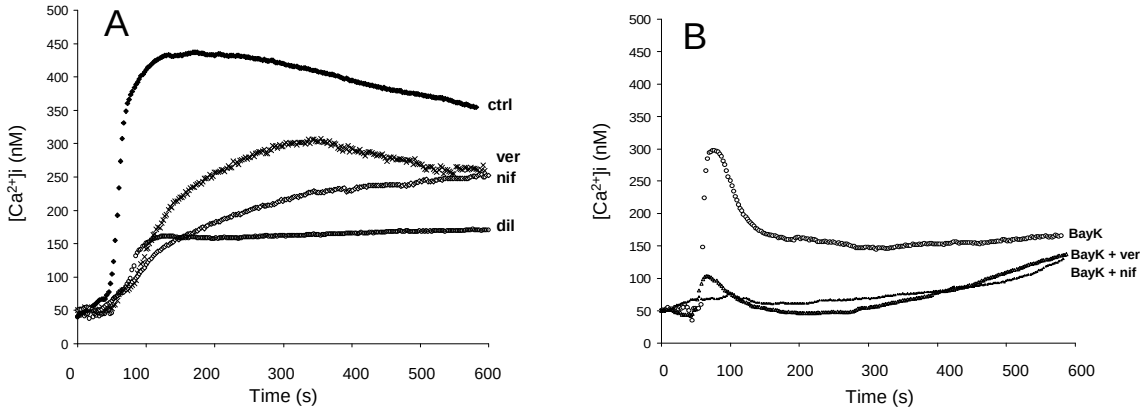
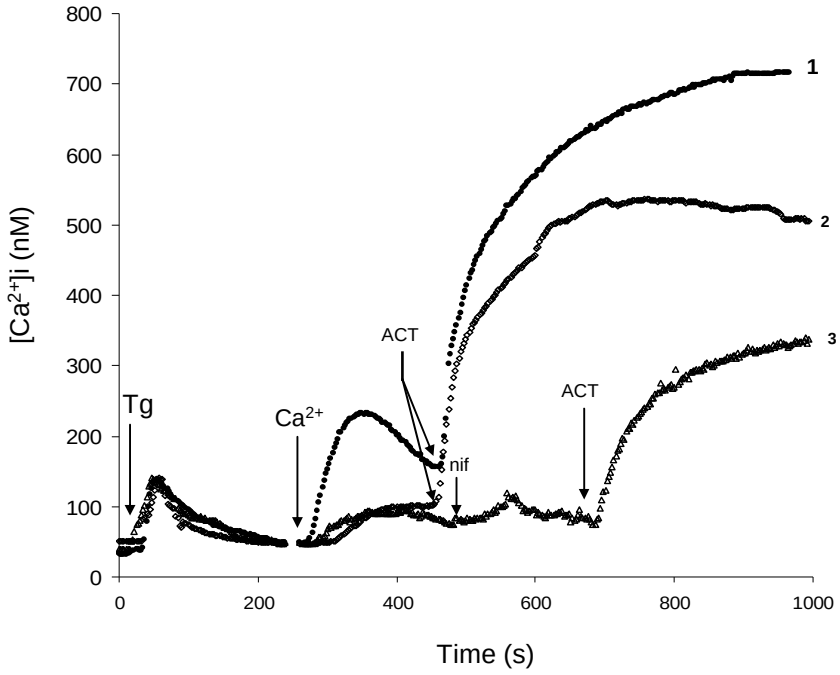
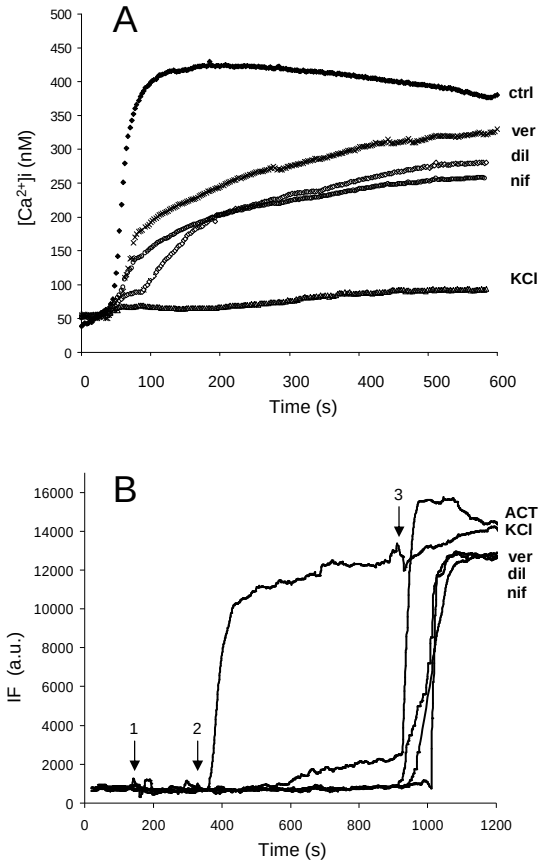
Supplementary figure 1



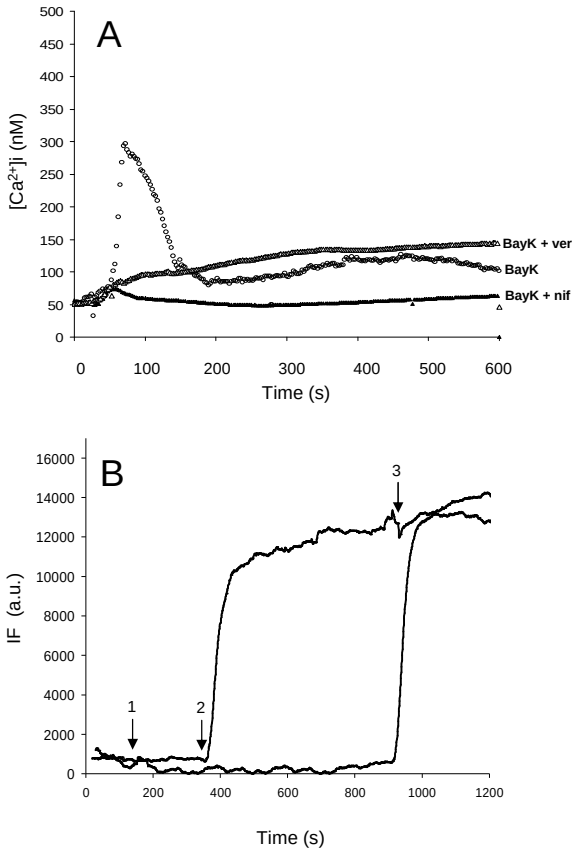
Supplementary figure 2



Supplementary figure 3



Supplementary figure 4



Supplementary figure legends

Fig. S1. Effect of L-type calcium channels antagonists on the ACT-induced intracellular calcium increase in J774A.1 macrophages (A) and, on the calcium increase induced by Bay K 8644, an agonist of L-type calcium channels (B). Concentrations of ACT, nifedipine, verapamil, diltiazem and Bay K 8644 used were, 35 nM, 10 μM, 100 μM, 0.5 mM and 100 mM, respectively.

Fig. S2. Inhibition of capacitative Ca^{2+} entry does not affect the ACT-induced intracellular calcium increase. In cells incubated in Ca^{2+} free medium, depletion of intracellular stores with 0.2 mM thapsigargin and subsequent addition of 2.4 mM Ca^{2+} stimulates capacitative Ca^{2+} entry. Addition of ACT in these conditions induces an additional Ca^{2+} increase (curve 1); inhibition of capacitative Ca^{2+} entry by preincubation of cells with 100 mM 2-APB does not affect the ACT-induced Ca^{2+} rise (curve 2) and, under conditions that capacitative Ca^{2+} entry is blocked, addition of nifidepine (10 μM) reduces significantly the ACT-induced Ca^{2+} rise (curve 3).

Fig. S3. Effect of L-type calcium channels antagonists (nifedipine, verapamil and diltiazem) on the ACT-induced intracellular calcium increase in cells depolarized with 50 mM KCl (A); the addition of the antagonists or ACT did not modified the plasma membrane potential measured with the fluorescent probe bis-oxonol (B), arrow (1) corresponds to the addition of 35nM ACT, 10 μM nifedipine, 100 μM verapamil or 0.5 mM diltiazem, arrow (2) corresponds to the addition 50 mM KCl and arrow (3) shows the complete depolarization of the plasma membrane by 1 μM gramicidin A.

Fig. S4. Effect of L-type calcium channels antagonists on the Bay K 8644-induced intracellular calcium increase in cells depolarized with 50 mM KCl (A); plasma membrane potential measured with the fluorescent probe bis-oxonol was not modified by the addition of Bay K 8644 (B), arrows 1 and 2 correspond to the addition of 100 nM Bay K 8644, 50 mM KCl, repectively, and arrow 3 correponds to the addition of 1 μM gramicidin A to induce complete depolarization of the plasma membrane.