

CORRECTION *The Journal of Cell Biology*

Jackson et al., Vol. 101, No. 1, July 1985

On page 7, due to an editorial error by the Production Office, another figure appeared in place of Fig. 1. The correct Fig. 1 and its legend appear below.

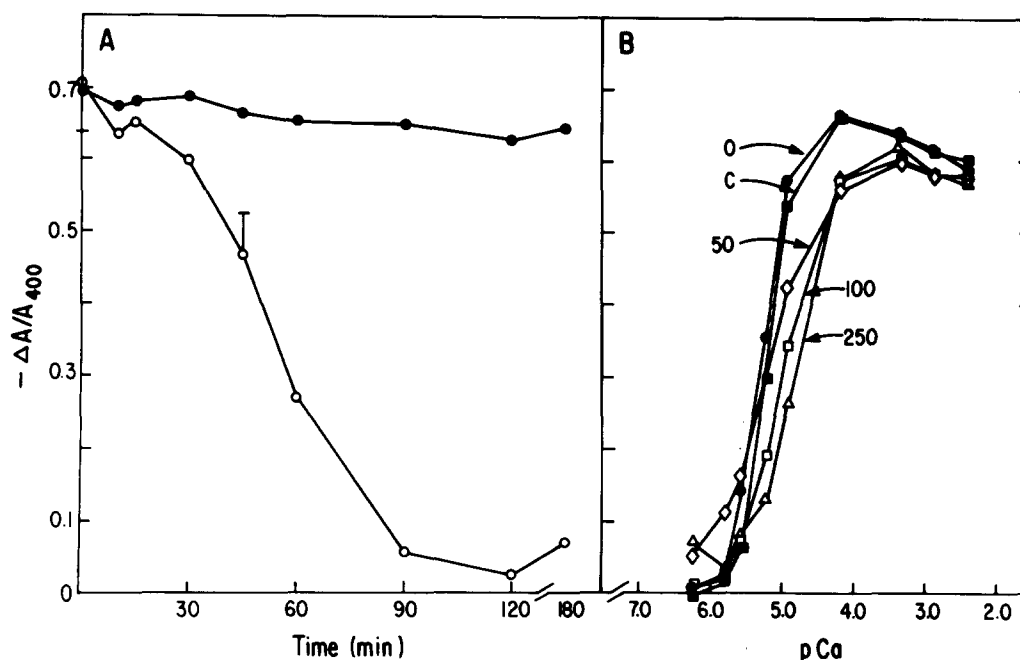


FIGURE 1 The effect of mild tryptic digestion on cortical exocytosis. In A, CSC was incubated, on ice, with (—○—) or without (—●—) 50 $\mu\text{g}/\text{ml}$ of trypsin. At the indicated times, CSC from both samples was assayed by the turbidimetric procedure at a final free Ca^{2+} concentration of 12 μM . Trypsin was inhibited by the inclusion of 50 $\mu\text{g}/\text{ml}$ of SBTI in all assay buffers. Each data point is the mean of three determinations with an average deviation ≤ 0.05 , except where indicated by error bars. In B, the effect of mild trypsin digestion on the Ca^{2+} threshold required for cortical exocytosis was investigated. CSC ($A_{400} = 20.4$) was incubated for 45 min, on ice, with 0 (—●—), 50 (—○—), 100 (—□—), or 250 $\mu\text{g}/\text{ml}$ (—△—) of trypsin. Trypsin digestion was stopped by the addition of SBTI to a final concentration of 500 $\mu\text{g}/\text{ml}$ and the CSC was assayed, in triplicate, by the turbidimetric procedure. In addition to the SBTI added directly to the concentrated CSC suspension all assay buffers contained 25 $\mu\text{g}/\text{ml}$ of SBTI. As a control (curve C, —■—) enough trypsin and SBTI to achieve final concentrations of 250 and 500 $\mu\text{g}/\text{ml}$, respectively, were premixed and added to untreated CSC just before assay. Average deviations ranged from 0.013 to 0.084 with a mean of 0.038.