

## Five-Step Method for Reading and presenting Data / Figures:

- 1) To do (learn/determine/figure out/see if ) this \_\_\_\_\_, the (authors, we, they) did this experiment \_\_\_\_\_. Sometimes specific observations, data or other papers are mentioned in the beginning as a reason...
- 2) So the investigators performed a \_\_\_\_\_ experiment. Then explain the methods of the experiment...
- 3) You can see on here ... (walk through each axis, not talking about the results.
- 4) Then show/describe/explain the results
- 5) WDIC? Why Do I Care? Explain what the results mean and finish with a closing of the first statement.

### ARTICLE

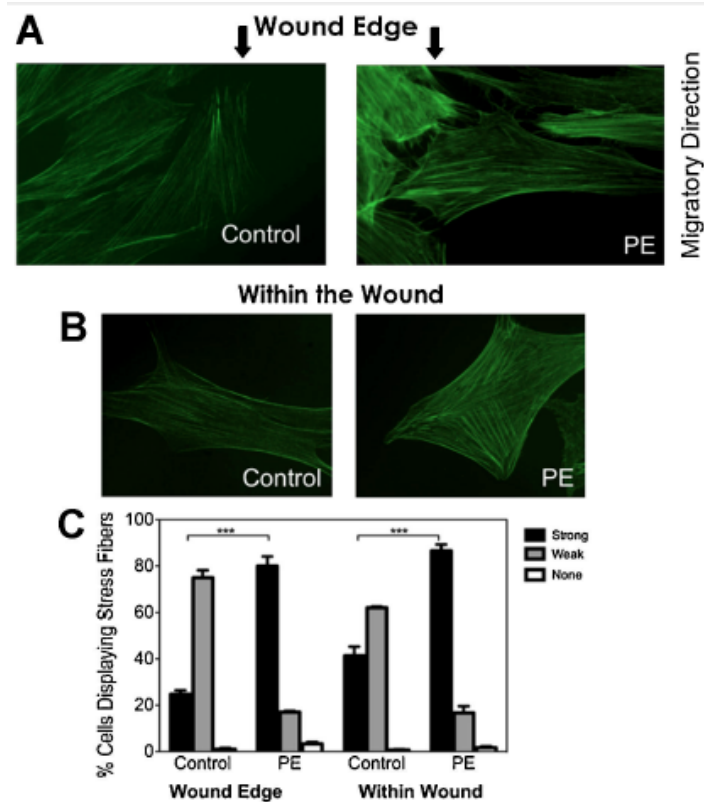
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### Journal of Cellular Biochemistry

#### $\alpha_1$ -Adrenergic Receptor-Induced Cytoskeletal Organization and Cell Motility in CCL39 Fibroblasts Requires Phospholipase D1

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**Fig. 1.**  $\alpha_1$ -Adrenergic receptor stimulation regulates stress fiber formation in directionally motile cells. A confluent monolayer of CCL39 cells were grown in culture dishes and incubated in serum-free medium for 1 h prior to wounding. Cells were treated with either 50  $\mu$ M PE or vehicle for 24 h with a change of media containing vehicle or agonist at 12 h. Cells were fixed and stained for stress fiber formation using FITC-labeled phalloidin. Representative fluorescence micrograph of CCL39 cells. A: At the edge of the wounded monolayer and (B) of cells migrating into the vacated wound. (C) Quantification of stress fiber formation at the wound's edge and those cells within the wound. Cells with thick organized stress fibers stretching throughout the cell were counted as strong stress fibers while those cells with thin-cabled bundles extending through most of the cell were counted as cells displaying weak stress fibers. Five fields were counted for each sample. Values represent averages of three independent assays, and error bars show SEM values ( $P < 0.001$ ). Fold increase in the number of cells with strong stress fibers was determined using one-tailed unpaired  $t$ -test with a 95% confidence interval (\*\*).