

7.343 Assignment #1: Due Session 6

Based on the text and figures of the following paper, write a title and a 250-300 word abstract. Remember that abstracts should include:

- The issue being addressed and its significance.
- Describe the overall approach being taken to the problem. Describe the model system being used.
- Summarize the major results of the study.
- Summarize the overall conclusion of the paper and any implications it may have for the field in general.

The paper used for this assignment was:

Sundaresan, M., Z. Yu, V. J. Ferrans, K. Irani, T. Finkel. "Requirement for generation of H₂O₂ for platelet-derived growth factor signal transduction." *Science*. 270 (1995): 296-299.

The journal article was handed out to students with the title, abstract, author names, and all other citation information removed.