CLAIMS

1. A method of identifying an agent that induces mesenchymal-epithelial transition in a cell, the method comprising:

   a) contacting a cell with a test agent to be screened; and

   b) detecting the expression from a promoter of a SERPINE 1;

   wherein a change in expression in SERPINE 1 as compared to control indicates that the test agent is capable of inducing mesenchymal-epithelial transition in the cell.

2. The method of claim 1, wherein the cell is a reporter cell line engineered to express a measurable marker from the promoter of the gene from which expression is to be detected.