

## A hybrid model of interaction between tumor cells and microenvironment

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Fibroblasts and myofibroblasts near the tumor microenvironment are important players in tumor growth and metastasis because of their unique ability to coordinate events which increase cell proliferation especially in breast cancer. It has been experimentally shown that fibroblasts play an important role in promoting tumor growth. A multiscale model of this interaction between stroma and transformed epithelial cells in vivo will be presented.

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