An agent based model of tumor encapsulation

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Tumour encapsulation refers to the formation of a collagen capsule surrounding tumors, it is believed to be the result of mainly two mechanisms: expansion and an active response from the host.

There are existing (continuous) models to describe tumor encapsulation. The idea of this project is to implement the discrete version (an agent based model) using existing computational models from our collaborators in the USA.

This project requires computational skills (Matlab).

References:

