A flexible and extensible modelling framework for the simulation of vascular tumour growth: an extension to the CHASTE open source C++ library for computational physiology and biology

Anthony J Connor[1,2], James Grogan[1], Joe Pitt-Francis[2], Philip K Maini[1], and Helen M Byrne[1,2]

[1]Wolfson Centre for Mathematical Biology, Mathematical Institute, University of Oxford, Oxford, OX2 6GG, UK.
[2]Department of Computer Science, University of Oxford, Oxford, OX1 3QD, UK.

Abstract

CHASTE Cancer, Heart And Soft Tissue Environment is an open source C++ library for the computational simulation of mathematical models developed for physiology and biology. Code development has been driven by two initial applications: cardiac electrophysiology and cancer development. ... [NOTE: This is to be completed ...]

Keywords: CHASTE - agent-based simulation - multi-scale model - vascular tumour growth - on-lattice model - off-lattice model

AUTHOR SUMMARY:

- Insert a few bullets in here explaining major contributions of paper.

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