

Computational Bioengineering Laboratory Publications

Here are some of the more recent publications from the members of the Computational Bioengineering Laboratory.

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1. Books

- A Pullan, M L Buist, and L K Cheng. *Mathematically modelling the electrical activity of the heart: From cell to body surface and back again*. World Scientific, Singapore, 2005.

2. Articles

- Alberto Corrias and Martin L Buist. Quantitative cellular description of gastric slow wave activity. *Am J Physiol Gastrointest Liver Physiol*, 294(4):G989–G995, Apr 2008. (doi:10.1152/ajpgi.00528.2007)
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- Anita Shu-Han Lin, Martin L Buist, Nicolas P Smith, and Andrew J Pullan. Modelling slow wave activity in the small intestine. *J Theor Biol*, 242(2):356–362, Sep 2006. (doi:10.1016/j.jtbi.2006.03.004)
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 - M. Buist, N. P. Smith, and A. J. Pullan. Cardiac electromechanics and the forward/inverse problems of electrocardiology. *Conf Proc IEEE Eng Med Biol Soc*, 7:7198–7200, 2005.
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3. Book Chapters

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 - D P Nickerson and P J Hunter. Using CellML in computational models of multiscale physiology. In *The 27th Annual IEEE Engineering and Medicine in Biology Society Conference*, Shanghai, China, September 2005.
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6. Miscellaneous

- David Nickerson and Andrew Miller. CellML graph metadata specification. <http://www.cellml.org/specifications/metadata/graphs>, 2007.
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