

Related publications

Table of contents

1 Primary.....	2
2 Our products are mentioned in:.....	2

1 Primary

1. Vascotto S, Missan S, La C
CESE Plus: a computational approach for accelerating electrophysiology research.
[Laboratory Focus](#), 13(4):8-11, 2009.
2. Missan S, McDonald TF
CESE: Cell Electrophysiology Simulation Environment.
[Appl Bioinformatics](#), 4(2):155-6, 2005.

2 Our products are mentioned in:

1. Marshall GE, Russell JA, Tellez JO, Jhund PS, Currie S, Dempster J, Boyett MR, Kane KA, Rankin AC, Workman AJ
Remodelling of human atrial K(+) currents but not ion channel expression by chronic #-blockade.
[Pflugers Arch.](#), 2011 Dec 8.
2. Workman AJ
Cardiac adrenergic control and atrial fibrillation.
[Naunyn Schmiedebergs Arch Pharmacol.](#), Dec 4, 2009.
3. Garny A, Nickerson DP, Cooper J, Weber dos Santos R, Miller AK, McKeever S, Nielsen PM, Hunter PJ
CellML and associated tools and techniques.
[Philos Transact A Math Phys Eng Sci](#) 13;366(1878):3017-43, 2008.
4. Hurmusiadis V
Virtual Heart: Simulation-Based Cardiac Physiology for Education.
[Computers in Cardiology](#), 34:65-68, 2007.
5. Moukabary T, Haines DE
Relationship between the Potassium Currents Block and the Occurrence of Early after Depolarizations in the Setting of Sodium Current Blockade.
[Computers in Cardiology](#), 34:361-362, 2007.
6. Petsios SKD, Fotiadis DI
A Computational Framework for the Analysis of Biological Models.
[Engineering in Medicine and Biology Society](#), 1101-1104, 2007.
7. Sun Z, Finkelstein A, and Ashmore J
Using Ontology with Semantic Web Services to Support Modeling in Systems Biology. in [Web Information Systems Engineering - WISE 2007 Workshops](#), ISSN 0302-9743 (Print) 1611-3349 (Online), Volume 4832/2007, 2007.
8. Wilders R
Computer modelling of the sinoatrial node.
[Med Biol Eng Comput](#), 45(2):189-207, 2007.
9. Cooper J, McKeever S, and Garny A

On the application of partial evaluation to the optimisation of cardiac electrophysiological simulations.

[Proceedings of the 2006 ACM SIGPLAN symposium on Partial evaluation and semantics-based program manipulation](#), 2006.

10. Hunter PJ
Modeling Human Physiology: The IUPS/EMBS Physiome Project.
[Proceedings of the IEEE](#), 94(4):678-691, 2006.
11. Nickerson D, Hunter P
The Noble cardiac ventricular electrophysiology models in CellML.
[Prog Biophys Mol Biol](#), 90(1-3):346-59, 2006.
12. Nickerson D, Nash M, Nielsen P, Smith N, and Hunter P
Computational multiscale modeling in the IUPS Physiome Project: Modeling cardiac electromechanics.
[IBM Research: Functional Genomics and Systems Biology](#), 50(6):617, 2006.
13. Sarai N, Matsuoka S, and Noma A
simBio: a Java package for the development of detailed cell models.
[Prog Biophys Mol Biol](#), 90(1-3):360-77, 2006.
14. Shimayoshi T, Komurasaki K, Amano A, Iwashita T, Matsuda T, and Kanazawa M
A Method to Support Cell Physiological Modelling Using Description Language and Ontology.
[IPSJ Digital Courier](#), 2:726-735, 2006.
15. Takao S, Kazuhiro K, Akira A, Takeshi I, Masanori K, Tetsuya M
Computer support for physiological cell modelling using an ontology on cell physiology.
[Conf Proc IEEE Eng Med Biol Soc.](#), 1:4171-4, 2006.
16. Zaniboni M, Cacciani F, and Groppi M
Effect of input resistance voltage dependency on DC estimate of membrane capacitance in cardiac myocytes.
[Biophys J.](#), 89(3):2170-81, 2005.