



Special Issue on

Mathematical and Computational Methods in Medicine

Call for Papers

Mathematical and computational methods are widely applied to medical and biomedical sciences. There are include gene therapy, cell kinetics, medical imaging techniques, mathematical bioinformatics, pharmacokinetics, chemotherapy, heart modelling, computational neuroscience, biomechanics and tissue engineering. Solution to the problem of analysis of medical data requires using modern and sophisticated methods of data analysis and explaining the effects by modeling of underlying elements.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **mathematical and computational methods in medicine**. Potential topics include, but are not limited to:

- Cancer immunology modeling
- Optimal control in therapy
- HIV dynamics modeling
- Mathematical models of human body parts
- Biomechanical analysis
- Biomedical imaging and image analysis
- Machine learning in medicine and biomedicine
- Applications

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - *Mathematical and Computational Methods in Medicine***” should be selected during your submission.

Special Issue timetable:

Submission Deadline	December 29th, 2015
Publication Date	February 2016

Guest Editor:



For further questions or inquiries
Please contact Editorial Assistant at
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