
Special Issue on Bioinformatics, Proteomics, System Biology, and their Impacts to Biomedical Science

Call for Papers

Facing the explosion of biological sequences generated in the post-genomic age, Natural Science dedicates a series of Special Issues that will focus on "**Bioinformatics, Proteomics, System Biology, and Their Impacts to Biomedical Science**", which encompass all fundamental and molecular aspects of Biomedical Science.

In this special issue, we are going to invite front-line researchers and authors to submit original research and review articles that explore **bioinformatics, proteomics, system biology, and their impacts to biomedical science**. Potential topics include, but are not limited to:

- Protein sub-cellular location prediction, particularly for those systems containing both single plex and multiplex proteins
- Predicting membrane proteins and their types
- Predicting ion channels and their types
- Identifying proteases and their types
- Predicting signal peptides and their cleavage sites
- Predicting HIV protease cleavage sites
- Identifying GPCRs and their types
- Identifying nuclear receptors and their types
- Predicting enzyme functional classes and subclasses
- Identifying DNA binding proteins
- Predicting risk type of human papillomaviruses
- Discriminating outer membrane proteins
- Predicting cyclin proteins
- Prediction of GABA(A) receptor proteins
- Prediction of metalloproteinase family
- Identifying bacterial virulent proteins
- Predicting transcription factors and their types
- Identifying bacterial secreted proteins
- Predicting cofactors of enzymes

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



Please kindly notice that the “Special Issue” under your manuscript title is supposed to be specified and the research field “**Special issue - Bioinformatics, Proteomics, System Biology, and their Impacts to Biomedical Science**” should be chosen during your submission.

According to the following timetable:

Manuscript Due	March 18th, 2014
Publication Date	May 2014

Guest Editor:

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