Interactomics: A Computational Biology Approach

Guest Editors:

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Deadline for manuscript submissions:
closed (31 December 2020)

Message from the Guest Editors

Dear colleagues,

Interactomics is a discipline at the intersection of bioinformatics and biology that deals with studying both the interactions and the consequences of those interactions between and among proteins, and other molecules within a cell. Interactomics aims to compare such networks of interactions (i.e., interactomes) between and within species in order to find how the traits of such networks are either preserved or varied. From a computational biology viewpoint, an interactome network is a graph or a category representing the most important interactions pertinent to the normal physiological functions of a cell or organism. From data integration to analysis, there are several computational problems in the interactomics process.

In this Special Issue, the Guest Editors will pay attention to new emerging topics or computational techniques in the interactomics field at both molecular and network levels. We hope to see exciting and wonderful results in the interdisciplinary research area.

Prof. M. Michael Gromiha
Prof. Qin Ma
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Guest Editors

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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