



Journal of Biological Systems

Special Issue on Genomic Signal Processing (GSP)

Genomic Signal Processing (GSP) concerns the analysis, processing, and utilization of genomic signals for gaining biological knowledge and the translation of this knowledge into systems-based applications. The aim of this special issue is to present the latest research advances in the broad area of GSP. Prospective authors are invited to submit original research in all areas of GSP, which include, but are not limited to the following topics:

- Modeling, inference, and control of gene regulatory networks
- Biological sequence analysis
- Biological network and pathway analysis
- Gene expression analysis
- Next generation sequencing
- Genome-wide association studies
- Classification and clustering in genomic applications
- Gene prediction and genome annotation
- Molecular structural biology
- Uncertainty in biological systems
- Cellular imaging

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