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## Current Advances in Network Biology for Disease Understanding

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Deadline for manuscript submissions:

**closed (31 December 2019)**

### Message from the Guest Editors

Dear Colleagues,

Network science is currently a highly active area of biological research. This is due to the confluence of a triumvirate of factors: (i) the generation and access to explosively large volumes of “omics” data from high-throughput experiments (ii) the intensive development of deep computational methodologies and data visualization tools for the analysis of complex networks; and (iii) the urgent need for new approaches to interrogate complex disorders to effect transformative changes in clinical care.

This Special Issue is dedicated to highlighting the current frontline status of network research. We welcome the submission of reviews, research articles, and short communications encompassing diverse aspects of network science, including computational approaches, investigations of network behaviour in molecular- to population-level datasets, and experimental manipulation of network components for testing predicted robustness and vulnerabilities in the context of network medicine.

Dr. Sujoy Ghosh

Dr. Enrico G. Petretto

*Guest Editors*



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# Special Issue



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## Message from the Editor-in-Chief

*Genes* is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving 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. Why not consider *Genes* for your next genetics paper?

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