

## Special Issue

# Network Visualization and Visual Network Analysis: Cytoscape Apps & Co

### Message from the Guest Editor

Using networks to visualize knowledge and results helps readers to understand complex molecular interactions and relationships more easily. A single pathway sketch can contain dozens of interconnected molecules or chemicals and can still be understood by a human. Recently-established high-throughput technologies have led to a surge in newly-generated knowledge on molecular interactions in biology and medicine. The computational representation of biological networks facilitates new opportunities of data and knowledge exchange between researchers, and asserts a common vocabulary and understanding of underlying principles. Standards, methods and tools to visualize networks are continuously evolving in order to keep up with biomedical research and technological advances. In this Special Issue, we would like to invite submissions of original research and short communications on software tools, as well as review articles on topics related to “Network Visualization and Visual Network Analysis”. We look forward to receiving your contributions.

---

### Guest Editor

Prof. Dr. Frank Kramer

IT Infrastructure for Translational Medicine, Department of Computer Science, University of Augsburg, 86159 Augsburg, Germany

---

### Deadline for manuscript submissions

closed (15 October 2018)

G C A T  
T A C G  
G C A T

## Genes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5  
Indexed in PubMed



[mdpi.com/si/13826](https://mdpi.com/si/13826)

*Genes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[genes@mdpi.com](mailto:genes@mdpi.com)

[mdpi.com/journal/  
genes](https://mdpi.com/journal/genes)



G C A T  
T A C G  
G C A T

# Genes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5  
Indexed in PubMed



[mdpi.com/journal/  
genes](https://mdpi.com/journal/genes)



## About the Journal

### 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?

---

### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
Department of Pathology, The University of Alabama at Birmingham,  
1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, and other databases.

#### Journal Rank:

JCR - Q2 (Genetics and Heredity) / CiteScore - Q2 (Genetics (clinical))