Special Issue

Ribosomopathies: Molecular Basis of Disease and Therapeutic Strategies

Message from the Guest Editors

Ribosomopathies are a group of rare, genetically inherited diseases which are linked to impairments in ribosome biogenesis and function. While many of these diseases lead to defects in cellular growth and proliferation and bone marrow failure, intriguingly, they demonstrate different tissue specificities which results in a diverse range of clinical presentations. It has been known for decades that the nucleolus, a subnuclear organelle located within the nucleus of cells drives the process of ribosome biogenesis; it has only been more recently that other roles of nucleolus have been identified, including mechanisms which monitor for cellular changes that can interfere with ribosome biogenesis and make decisions about cell fate. The aberrant activation of these mechanisms has been implicated, at least in part, in the molecular pathogenesis of these diseases.This special issue on ribosomopathies will invite original research articles, reviews and short communications on areas of ribosomopathies which span the molecular genetics and pathogenesis of these group of diseases, through to novel and new treatment strategies for these patients.

Guest Editors

Dr. Amee J. George

The John Curtin School of Medical Research, The Australian National University, Canberra 0200, Australia

Prof. Dr. Ross Hannan

The Division of Genome Science and Cancer, The John Curtin School of Medical Research, The Australian National University, Acton, Canberra 2601, Australia

Deadline for manuscript submissions

closed (1 January 2022)

GCAT
TACG
GCAT

Genes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/68697

Genes
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
genes@mdpi.com

mdpi.com/journal/genes

MDPI

GCAT
TACG
GCAT

Genes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.2
Indexed in PubMed

mdpi.com/journal/genes

MDPI

About the Journal

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.
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))