

Special Issue

The Regulation of mRNA Translation in Health and Disease

Message from the Guest Editor

In this Special Issue, we will showcase recent advances in the structure, process, and regulations of mRNA translation in eukaryotic systems under homeostasis and various stresses. In addition to traditional regulatory mechanisms, such as the initiation, elongation, and termination/ribosome recycle; regulation based on AUG context, mRNA editing, the premature termination codon (PTC), the upstream open reading frame (uORF), mRNA decay, ncRNAs (especially miRNA), and other emerging mechanisms will also be addressed.

Pathogenic factors and cellular processes associated with cancer development, progression, and recurrence, including cell signaling, metabolic statuses, EMT and metastasis, and immune responses in TME, will also be analyzed. Cancer therapies that target mRNA translation machinery will also be highlighted.

Guest Editor

Dr. Jun Ling

Department of Medical Education, School of Medicine, California University of Science and Medicine, 1501 Violet St, Colton, CA 92324, USA

Deadline for manuscript submissions

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

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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?

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

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