

Special Issue

Faulty Ribosome Biogenesis and Cancer: Mechanisms and Therapeutic Perspectives

Message from the Guest Editors

The Special Issue explores the complex mechanisms underlying dysregulated ribosome biogenesis in cancer. We will focus on the roles of ribosomal RNA synthesis, ribosome assembly, and translation initiation in tumor cells, as well as the impact of altered ribosomal proteins and translation factors on oncogenesis and tumorigenesis. We welcome original research articles and comprehensive review articles in this Special Issue. Suggested research areas include (but are not limited to) the following:

- Mechanisms of dysregulated ribosome biogenesis in cancer, oncoribosomes;
- Ribosomal RNA synthesis, ribosome assembly, and translation initiation in tumor cells;
- Role of ribosomal proteins and translation factors in oncogenesis;
- Impact of nucleolar stress and genomic instability on cancer progression;
- Ribosome intrinsic alterations in cancer;
- Innovative therapeutic strategies targeting ribosome biogenesis;
- Clinical applications of ribosomal protein signatures as cancer biomarkers;
- Ongoing clinical trials investigating ribosome-targeting drugs;

We look forward to receiving your contributions to this exciting and timely Special Issue.

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About the Journal

Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

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