

Special Issue

Therapeutic Targeting of RNA Polymerase I Transcription, Ribosome Biogenesis and Function

Message from the Guest Editors

Since the original late 19th century publication linking nucleolar hypertrophy to carcinogenesis, multiple groups have extensively worked on expanding the knowledge in this field. With two selective inhibitors of RNA polymerase I (Pol I) transcription, CX-5461 and PMR-116 being in clinical development, the promise of the therapeutic targeting of ribosome biogenesis, of which Pol I transcription is a rate-limiting step, is close to be realized. We welcome original research and review papers, as well as reviews on subjects linking the deregulation of RNA polymerase I (Pol I) transcription and ribosome biogenesis to various pathologies, as well as the potential of compounds that target these processes as therapeutic agents. We are looking forward to receiving your contributions!

Guest Editors

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Deadline for manuscript submissions

closed (15 May 2024)



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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

Editor-in-Chief

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