

## 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.

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### Guest Editors

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### Deadline for manuscript submissions

closed (1 January 2022)

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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