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Special Issue Reprint

Ribosomal Proteins in Ribosome Assembly

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Ribosome biogenesis is a key cellular process involving the assembly of ribosomal proteins with ribosomal RNA (rRNA) into the complex three-dimensional structure of mature ribosomes. This Special Issue features cutting-edge original research articles, as well as comprehensive reviews, covering various aspects of ribosomal protein involvement in ribosome assembly with a focus on the following areas:

- Methods to investigate the role of ribosomal proteins in ribosome biogenesis;
- The regulation of ribosomal protein synthesis;
- The nuclear import of ribosomal proteins and ribosomal protein chaperones;
- The functions of ribosomal proteins in rRNA folding;
- The order and mechanisms of incorporation of ribosomal proteins into nascent ribosomes;
- The importance of correct ribosome assembly for the function of the mature ribosome.

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