



Translational Control 2.0

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Message from the Guest Editor

The field of translational control has really taken off due to pivotal discoveries in the last decade. Recently, many outstanding reports that extended the knowledge in several areas such as non-coding RNAs, RNA modification, RNA binding proteins, ribosome structure, development, stress response and diseases. These findings have occurred in conjunction with, or due to significant technological advances in the field of transcriptomics, proteomics and structural biology, coupled to bioinformatics. In particular, technologies derived from RNA-Seq, as well as proteomics progress, including nano mass spectrometry methods, have allowed large scale approaches in the field of translation. Ribosomal heterogeneity has also appeared as a new way to specifically translate different pools of mRNAs. Finally, translational regulatory elements have provided molecular tools to improve gene transfer, with an impact in the development of combined gene therapy to treat various diseases.

The Translational Control special issue in 2019 has been a full success. In this second volume, we welcome research articles as well as full reviews in the emerging areas of translational control.





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Message from the Editor-in-Chief

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