

Special Issue

Transcriptional Regulation in Eukaryotes

Message from the Guest Editor

Eukaryotic transcription regulation involves complex, dynamic processes ensuring timely and specific gene expression across diverse cell types and signals. These processes encompass chromatin accessibility, epigenetic modifications, and the interaction of transcription factors (TFs) with DNA and other TFs and coregulators. They also include the formation of large multi-protein complexes at regulatory elements, dynamic long-range genomic contacts (e.g., between promoters and enhancers or silencers), 3D chromatin architecture, and non-coding RNAs. This Special Issue aims to cover various aspects of eukaryotic transcription regulation. We welcome original research and review articles that provide new insights into these processes, as well as articles describing novel methods.

Guest Editor

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