Special Issue

DNA Organization in Model Organisms

Message from the Guest Editor

Our knowledge of genes, their expression regulation, and, later, whole genome organization came from studies of numerous model organisms. They have unique and conserved features, and research of both specialized and common mechanisms utilized by diverse living forms contributes to scientific progress. One recent example is the revolutionary adaptation of the bacterial defense system CRISPR/Cas9 for gene editing. This Special Issue aims to highlight the latest advances in the genetics and genomics of model organisms, from viruses to vertebrates, including genome and chromatin organization, the evolution of specific genetic and epigenetics features, and new approaches and research tools in genome manipulation.

Guest Editor

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