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## From Basics to Applications of Gene Regulatory Networks

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### **Message from the Guest Editor**

Dear Colleagues,

Understanding how genes are regulated within cells is crucial in the field of cell biology. Gene regulatory networks play a central role in this process, dictating when and how genes are expressed, which in turn affects cellular functions and overall development. Investigating these networks has become essential for uncovering basic biological processes and their relevance to health and disease.

We are pleased to invite you to contribute to a Special Issue delving into the depths of gene regulatory networks and their applications. This Special Issue aims to explore the complexity of gene regulatory networks and investigate their role in various biological systems. Our goal is to provide insights on the complex structure of gene regulation in order to uncover new information about how cells operate and the processes underlying disease.

Dr. Thomas Ulas

*Guest Editor*



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