



Clinical Advances in Functional Genomics

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The purpose of this Special Issue is to explore the innovations and possibilities of functional genomics, especially taking into consideration the potential of genomics in healthcare and disease management. Functional genomics plays an important role in molecular biology to express gene interactions and functions. The main aspects of research are related to gene transcription and translation, and the regulation of gene expression. This Special Issue aims to explore the interface between genomics, network biology, and proteomics data. Research fields such as bioinformatics are crucial to perform analysis of functional genomics data, especially using techniques like data clustering, artificial neural networks, support vector machines, machine learning, or principal component analysis. This Special Issue welcomes submissions including but not limited to bioinformatics methods, studies of rare or common diseases, and novel experimental systems such as primary cell lines. We also welcome papers that address the implementation of genomics into personalized medicine.

Dr. Alice Chiara Manetti

Guest Editor





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Message from the Editor-in-Chief

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