

## Special Issue

# Modern Approaches in Molecular Genetics and Tissue Bioengineering: Role of Associated Biomarkers

### Message from the Guest Editors

There is a wide range of advanced approaches in molecular genetics and bioengineering from cell signalling and functional tissue engineering to cell-matrix interaction and tissue structure-function. The application of biomarkers in the diagnosis and management of several diseases, such as cardiovascular disease, infections, immunological and genetic disorders, and cancer are well known. Their use in research has grown out of the need to have a more direct measurement of exposures in the causal pathway of disease that is free from recall bias and that can also have the potential of providing information on the absorption and metabolism of the exposures. Recent studies on biomarkers have demonstrated their potential roles in molecular biology and laboratory technology. Therefore, applying novel molecular methods to determine molecular biomarkers can be regarded as a strong procedure in disease prevention, diagnosis, and management.

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### Guest Editors

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Dr. Samira Eissazadeh

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### Deadline for manuscript submissions

closed (20 December 2021)



## Applied Sciences

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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