



Latest Applications of Next-Generation Sequencing and Whole-Genome Sequencing in Molecular Biology

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Message from the Guest Editor

Dear Colleagues,

The substantial progress in sequencing technology also underlies significant shifts in our understanding of processes occurring within living organisms, particularly at the molecular level. The ability to elucidate complete genome sequences or their selected segments, coupled with technologies enabling the analysis of the expression of entire gene sets and the detection of various types of polymorphisms, at both the single-nucleotide and whole-chromosome levels, has led to a proliferation of publications detailing the workings of specific molecular mechanisms underlying the functioning of living organisms.

Our aim in preparing this Special Issue is to compile scientific articles describing various aspects of the applications of large-scale sequencing technology in molecular biology research. We are particularly keen on presenting publications that showcase methods and experimental approaches that ingeniously and pioneeringly harness the potential of available devices, setting new trends in the utilization of MPS technology within the field of molecular biology.

Dr. Marcin Woźniak
Guest Editor





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Message from the Editor-in-Chief

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