



Quantum Computing Applications and DNA Data Storage Development

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

We are witnessing the emergence of a completely new way of doing scientific research, where new ways of reasoning need to be developed. The availability of an expanded and fully updated set of mathematical concepts enabling huge amounts of data to be analysed is essential.

Therefore, we are pleased to inform you about the forthcoming Special Issue “Quantum Computing Applications and DNA Data Storage Development”. It connects QC logic-based applications to the use of DNA data storage. CMOS transistors are very close to their lower size limit, hence the focus on QC from many large hardware companies and others. We also need to store the huge amounts of data that we are generating, hence the notion of DNA data storage. Future large computer platforms will analyse these data by using quantum accelerators.

Authors are invited to submit papers where they describe mathematical concepts for different fields, and we also encourage authors to write about the combination of DNA data storage with digital and quantum data. Mathematics is essential in QC logic but also in biochemistry. In addition, we welcome original research and review articles.





Editor-in-Chief

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Message from the Editor-in-Chief

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