

Special Issue

Connecting Quantum Computing and Fractal to Tackle Challenges in Medicine

Message from the Guest Editor

Could quantum computing revolutionize life science? Fractal structures have the potential to change computers as we study quantum mechanics. From the invention of qubits to the use of superposition and entanglement, quantum computing has advanced dramatically. Fractal structures may reveal new possibilities in the drive to boost computer power. Fractal structures' parallelism and complexity enable efficient exploration of solution spaces, thereby accelerating optimal solution search. Researchers could tackle several challenges in medicine (e.g., multispatial multiomics). In this Special Issue "Connecting Quantum Computing and Fractal to Tackle Challenges in Medicine", we solicit your innovative ideas and work regarding the thorough investigation and application of the intersection of quantum computing and fractal dimensions in life sciences in the form of original or review articles. In addition, we would appreciate your study focusing on any aspect of numerical analysis, experimental and theoretical verifications, in life sciences. The purpose of this Special Issue is to promote the application of fractal principles in the fields of oncological and non-oncological sciences.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Fractal and Fractional (*Fractal Fract.*) is a scholarly online journal which provides a forum for discussion on new original models and methods in fractals and fractional calculus both from theory and applications. It is a peer-reviewed, open access journal that publishes high quality original research articles, review papers and short communications.

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