International Journal of
Molecular Sciences

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Advances in Computational Biology: Molecular Dynamics Simulation of Biomolecules

Guest Editor:

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Deadline for manuscript submissions:
31 December 2024

Message from the Guest Editor

Dear Colleagues,

The simulation of important processes in biomedicine and biotechnology using computational methods has become a well-established field in recent years. We can simulate motions associated with the function of key macromolecules in cellular processes. Using molecular dynamics systems, we can study the effect of a mutation that causes a rare disease or a carcinogenic process on the structure and/or function of a macromolecule. We can also design molecules with the ability to act as antimicrobial, antiviral or anticancer agents. All these processes, as well as the methodology that makes them possible, are welcome in this Special Issue of *IJMS*.

Dr. Paulino Gómez-Puertas
Guest Editor

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Message from the Editor-in-Chief

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