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Macromolecular Modeling to Understand Genetic Disorders

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submissions:

closed (16 May 2021)

Message from the Guest Editor

Dear Colleagues,

Computational biology, including molecular modeling, molecular dynamics, ligand docking, drug screening, and quantum mechanics simulation techniques, allows rationalization at the molecular level of mutations causing different diseases of genetic origin. Knowing the causes at this level will allow the development of new diagnostic and therapeutic techniques (drug design), as well as the design of future gene therapies.

We are looking for papers that address the study of mutations causing genetic diseases through molecular modeling and rationalization. Papers that use computational simulation techniques to link phenotypic variants with changes in molecular function are also welcome.

Dr. Paulino Gómez-Puertas
Guest Editor



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Special *Issue*



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Message from the Editor-in-Chief

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