

Computational Biology

A computational approach within a biological context has several distinct advantages over most experimental methods. The researcher has complete control over every aspect of a numerical experiment, the simulations are usually fast and cheap to perform and are easy to reproduce. The models can be formulated such that they obey fundamental laws such as conservation of mass and energy. Our efforts in this area include work on multicellular networks, describing the niche in which cells interact and the dynamics of cell populations.

