Managing protein folding process with intelligent process parameters adjustment

Irena Roterman, Malgorzata Tomanek, Mariusz Sterzel, Tomasz Szepieniec, Barbara Kalinowska, Zbigniew Baster, Dawid Dułak



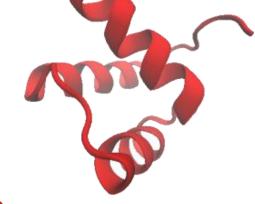




We want to simulate how a protein achieves three dimensional structure starting from an amino acid sequence

RPRTAFSSEQLARLKREF NENRYLTERRRQQLSSE LGLNEAQIKIWFQNKRAKI





Why to simulate folding process?

- The solution of protein structure prediction plays critical role for computer aided drug design.
- The correct recognition of target protein molecule increases the effectiveness of drug efficiency.

