

# Computational Chemistry (CC) as a tool in molecular chemistry and biology

Today it is easy to build beautiful molecular models on the computer screen, and with modern computational procedures it is possible to predict the structures and properties of a variety of molecular systems. Computational chemistry thus supports current investigations of molecular phenomena, frequently leading to solution of otherwise difficult questions [1].

- 1) A student project may explore the application of computational chemistry within the context of a research problem of particular interest.
- 2) Another aspect is the use of computational chemistry and molecular modeling procedures in chemistry and biology education. How are these procedures applied in high schools and at the university? A possibility would be to develop an exercise program for teaching a particular subject in molecular chemistry or biology.

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