

**Job responsibilities:**

- Design and implementation of molecular dynamics simulations
- Analysis of hydrogen bonding and investigation of solvation enthalpy
- Preparation of scientific manuscripts and publications and collaboration in the preparation of scientific project proposals
- Teaching duties (physical chemistry)

Requirements:

- Diploma or Master of Science in chemistry, physics, or a comparable subject
- Experience in performing and analyzing molecular dynamics simulations
- Knowledge of quantum chemical methods, density functional theory
- Experience in the simulation of enthalpically modified molecular liquids and interpretation within the framework of the philicity concept
- Willingness to pursue further training
- High level of motivation and ability to work in a team

We offer:

- Interesting and varied work with creative freedom at the largest employer in the region
- Comprehensive personnel development in all phases of professional life with a wide range of further training and qualification opportunities, including educational leave