

# POSTDOC: Molecular Modeling and Novel Strategies for Computational Protein Design

We are seeking a highly motivated scientist for **postdoctoral position** in **protein engineering** for bioinformatics team at Loschmidt Laboratories, Masaryk University, Brno, Czech Republic.

**WEB:** [loschmidt.chemi.muni.cz/peg/](http://loschmidt.chemi.muni.cz/peg/)

**MOVIE:** [www.youtube.com/watch?v=FJa9ov-gofM&t=122s](http://www.youtube.com/watch?v=FJa9ov-gofM&t=122s)

## JOB DESCRIPTION:

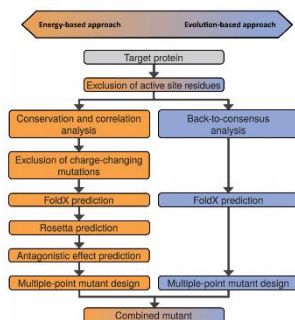
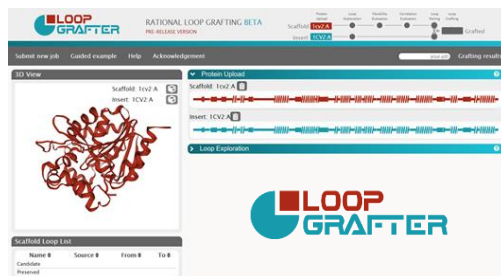
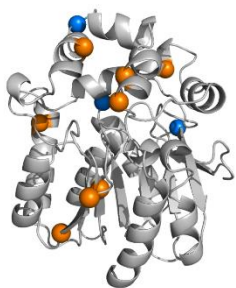
- Computer modelling of biomolecules and their interactions with small ligands
- Development of computational workflows for protein design and analysis
- Interactions with team members at the interface of theory and experiment
- Work in an inspiring and highly collaborative environment
- Opportunities for experience in private sector - Biovondor (large biotech) and Enantis (spin-off)
- Opportunities for personal growth, competitive salary and benefits package

## CANDIDATE PROFILE:

- Ph.D. or equivalent received no longer than 7 years ago
- Strong publishing record
- Experience in molecular modelling or bioinformatics
- Proficiency with Linux, scripting or programming skills advantage
- Experience in the of field of protein engineering advantage
- Excellent communication skills in English and the ability to collaborate in teams

## APPLICATIONS:

- *Curriculum Vitae*, motivation letter, two letters of recommendation
- Copy of PhD diploma or official letter certifying submission of a doctoral thesis
- Send your application to Sarka Nevolova at [sarka.nevolova@fnusa.cz](mailto:sarka.nevolova@fnusa.cz)



## SELECTED PAPERS:

- *Nat. Commun.* 12: 3616, 2021
- *Chem* 7: 1066-1079, 2021
- *Nucl. Acid Res.* 48: W104–W109, 2020
- *Nucl. Acid Res.* 49: D319–D324, 2020

- *Brief. Bioinf. bbaa* 337: 1-11, 2020
- *ACS Catalysis* 10: 1210, 2019
- *ACS Catalysis* 8: 9420, 2018
- *J. Am. Chem. Soc.* 140: 17999, 2018