



BIOLOGICKÉ CENTRUM AV ČR, v. v. i.

Parazitologický ústav

adresa: Branišovská 1160/31, 370 05 České Budějovice

IČ: 60077344 | DIČ: CZ60077344

telefon: +420 387 775 403

číslo účtu: 5527231/0710, ČNB České Budějovice

fax: +420 385 310 388

www.paru.cas.cz | e-mail: paru@paru.cas.cz

Supervisor's opinion - Hanka Váchová

Hanka has joined the lab as a bachelor student and she has stayed with us until now.

In contrast to her bachelor studies in which she focused mainly on in vitro experiments studying kinetics properties of a small inhibitory peptide prepared recombinantly, during her master studies she extended her studies using trypanosoma as a model organism. For this reason she really enriched her repertoire of methods as now she can perform all basic molecular biology methods such as cloning, recombinant protein purification, enzymatic kinetics, enzymatic assays, Trypanosoma cell cultures, growth curves, westerns, measurement of mt membrane potential, native gels etc. She learned that reproducibility of results is extremely important and sometimes you have to do the same assays again, again and again.

The most visible improvement includes her presentation skills, after giving numerous lab meetings, journal clubs and presenting her work at the Protozoological conference she can finally breath while presenting.

During her master studies she was able to work on two different projects with the common denominator, FoF1 ATPase complex. In her first project, she was looking if trypanocidal drugs affecting proper mitochondrial function inhibits essential activity of the F₀F₁ ATPase complex. In her second project, she learned how to silence expression of a protein of interest using RNAi and how to investigate consequences of such silencing.

I would like to thank Hanka for her contribution in the lab, it was fun to have her around and I wish her all the best in her future career.

In Ceske Budejovice, 27.5.2015


Alena Zikova