

## Supervisor's Report on Bachelor Thesis of Tereza Pospíšilová

Tereza Pospíšilová joined our laboratory in 2014, during first year of her Bachelor studies. She started with small, pilot project that tested her skills and talent for scientific work. From the very beginning, Tereza showed her passion for research and quickly adapted to working in our laboratory. I was impressed by how quickly she progressed, she was able to promptly master novel methods and effectively troubleshoot problems. Tereza was also able to effectively communicate her research during labmeetings and collaborated well with other members of our lab. These qualities convinced me that Tereza is able to master more challenging topics and therefore was involved in a project focused on revision of *Borrelia afzelii* transmission cycle. Tereza obtained very interesting and original data that in many aspects change generally accepted view of the role of the tick vector in Lyme disease transmission and the mechanism of spirochete establishment in the host. Presented Bachelor thesis is a base for a manuscript that will be published during this year.

To sum up, Tereza is an extremely promising young scientist, it has been a privilege for me to supervise her Bachelor project. I want to thank her for all her excellent work and wish her all the best in her future career. I am fully convinced that the submitted thesis can be accepted as a Bachelor thesis and evaluated by the mark "1" ("A").

In České Budějovice, May 20th 2016.

Radek Šíma

