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Supervisor's statement on the diploma thesis of Tereza Dolejšková

Tereza has been working in our lab since her bachelor's studies and I can't help but say that she is one of the best students I have worked with. Her thesis represents the third project she has been involved in with us - she has the misfortune (or maybe rather luck) of getting to work on ambitious projects that soon turn out to be much more complicated than I imagined. She started a project in her master's studies that turned out to be problematic too, so after less than a year we decided that she would change the project and help us with a completely new project that was promising to be a major discovery. This was in animals previously uncharacterized gluconate metabolism. The methodological approach promised a relatively straightforward route to results, which was important to Tereza as she had less than a year to experiment. Fortunately, Tereza had already mastered some of the methods. Yet again, the project turned out to be much more complicated than anticipated. I don't know why I am only able to offer one of my most gifted students the most problematic experiments. Tereza had to quickly orient herself in the rather complicated metabolism, although she had not yet been practically involved in biochemistry. But she did it with her own grace. After ineffective silencing of candidate genes, Tereza was left with only wild-type condition, so her thesis actually shows a small part of what she managed to do in less than a year in the lab. I am equally proud of the way Tereza wrote her thesis. I don't think it has ever happened to me that I have sat down with a student twice to discuss the possible form of a discussion, she took detailed notes in her notebook and then after a few days she handed me the text that you see virtually unchanged in the submitted thesis. This was the spirit in which her entire thesis was written. Working with Tereza is simply a pleasure, and I am proud of her thesis, even though we both imagined, perhaps naively, that we would be able to take the project further. I have no doubts whatsoever in recommending her thesis for defence, and I wish her next project to be a little less complicated and for once produce straight interesting results, which Tereza would certainly deserve at last.

In Malovice, May 18th, 2023

doc. Mgr. Tomáš Doležal, Ph.D.