

## **Abstract**

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**Title:** **Kvasinky rodu *Saccharomyces cerevisiae***

This thesis was the search for basic general knowledge of the yeast *Saccharomyces cerevisiae*. The aim is to create a comprehensive overview of these yeast. The work is divided into several consecutive parts.

The yeast *Saccharomyces cerevisiae* yeast is widely used especially in food industry. Therefore it is also called the beer, wine, or baker's yeast. Their genome is fully studied, and thus are widely used genetic engineering. But there are also documented cases of pathogenesis.

The yeast *Saccharomyces cerevisiae* is one of the most interesting and widely used yeast.