

## **Abstract**

### **The school project to theme vaccination to second grade of primary school and secondary school**

This thesis deals with the theme vaccination, its history and principles.

The process of immunization is typically made by the administration of vaccines, given in certain time intervals that are determined in accordance with the rules of law. Before vaccine administration, vaccine should be thoroughly checked to protect security of patient's health.

Ongoing research and advanced development projects help fight against diseases to protect the human organism. One of the themes that plays role in the vaccination is the financing of research and development as well as financing immunizations itself.

As vaccination is as important for adults as it is for children, providing all informations to students is very necessary. To reach this point succesfully, the teching project (described more specifically in this work) is one of the possible ways. However, as project itself has its advantages as well as disadvantages, specific attitude of students and teachers is required accordingly.

There are three different projects on vaccinations topics described in the thesis. These three projects were realized in three types of schools: secondary grammar school, third class of central medical lyce and eight class of primary school. Furthermore, different ways how individual tasks were completed, ideas about vaccinations topics were developed and how pupils and students dealed with project method, are described.