

ABSTRACT

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Diagnostics of malaria

Bachelor thesis

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This work is a literary review in the field of malaria disease, which is caused by a protozoan of the genus *Plasmodium*.

The first part describes malaria from the perspective of history, agents, the way of transmission and development cycle of agents. In the first half of the work are also included groups of people who are more or less susceptible to the malaria infection. In the second part of the work are summarized current trends of diagnostics in the Czech republic and in the malaria regions, worldwide distribution including the Czech republic and current possibilities of antimalarial prevention, treatment and resistance to antimalarial drugs.

In conclusion are summarized the most important findings of the above sub-themes, which I completed in a discussion about my opinions.

Keywords: diagnostics, malaria