

Methodology for creating dissertation abstracts and keyword

The dissertation must include the so-called bibliographic identification, i.e. abstracts and keywords (samples are located on page 3-4).

The abstract is an introductory brief text (excerpt), which presents the entire dissertation. It is a mandatory part of qualification theses and its purpose is to acquaint the reader with the nature and content of the work (it is used for searching in professional catalogues). It should contain the main idea of the work and its essence.

The purpose of the abstract is for the reader to be able to decide after reading whether it is beneficial to read the whole work. The abstract must work independently; the text must be clear and obvious to the reader even without knowledge of other contexts. For this reason, it is good to avoid foreign and technical terms that would need to be specified in more detail, and it is not appropriate to mention even lesser-known abbreviations.

The abstract should include the following:

- purpose of the work (what is the main topic of the work and what problems are solved here)
- what was the goal
- how the work was elaborated (what method or methodologies were used)
- what results have been achieved
- what are the recommendations and conclusions

The abstract for qualification theses follows the standard [ČSN ISO 214 Abstracts for publications and documentation](#). The abstract is not divided and structured; its **range is limited to one paragraph only. The recommended length is 15-20 lines** (the maximum number of characters and spaces is 1500).

The abstract never mentions the author's name; the subject in the sentences is always expressed in general: "The dissertation deals with..." **The abstract is written in the language of the dissertation and in Czech. It is always located on a separate page** (see pages 3-4 of this manual).

Abstract example:

Spatial memory is often studied using spatial tasks originally developed for animals, such as the Morris water maze and the Carousel maze tasks. Both tasks have an important role in the process of identification of brain areas crucial for spatial memory, and also in pharmacological research of animal models of neuropsychiatric diseases. In recent years considerable attention has been devoted to the research and treatment of cognitive impairment in schizophrenia. Comparative research addressing cognitive abilities of both animals and patients in similar tasks, could therefore lead to verification of the predictive and face validity of animal models of this complex disorder. The aim of this study was to create virtual analogues of these tasks, which would allow this comparative approach. This thesis first describes the experiment testing the performance of an animal model of schizophrenia induced by the application of dizocilpine (MK-801) in reversal version of both mentioned spatial tasks, in order to assess mental flexibility and learning abilities affected in schizophrenia. Other two experiments present the findings of the two virtual analogues tested in the first episode of schizophrenia patients. Our

results confirm the presence of deficits in spatial memory and mental flexibility, functions dependent on hippocampal and prefrontal areas. These results are discussed in context of previous studies in animal model of schizophrenia. Finally, the importance of assessment of spatial abilities is discussed in the context of quality of life and global functioning of schizophrenia patients.

The abstract must also contain the so-called "**keywords**", which are words, compounds or phrases that concisely characterize the content of the submitted work. Keywords are not defined, they are just listed. They are written in a line and separated by a comma. **Those are nouns. Keywords need to be arranged alphabetically.**

For Czech keywords, it's a good idea to use Czech equivalents. Keywords are used mainly for searching works in databases, therefore it is necessary to choose such terms that accurately describe the topic of the work. **The recommended number of keywords is 5-10** (in the range of at least 30 characters).

Keywords example:

spatial memory, schizophrenia, cognitive deficit, virtual reality environment, the hidden goal task, dissociated reference frames, prefrontal cortex, hippocampus

Title of dissertation in the English language

Abstract

An abstract (excerpt) of the thesis in the English language will be written in this paragraph.

The abstract should contain a summary of the entire dissertation. The maximum length is 20 lines.

The abstract will be placed on a separate page.

Keywords

Individual keywords in the English language, separated by commas, will be entered here.

The maximum number is 10 words.

Delete after adjustment

Title of dissertation in the Czech language

Abstrakt

An abstract (excerpt) of the thesis in the Czech language will be written in this paragraph.

The abstract should contain a summary of the entire dissertation. The maximum length is 20 lines.

The abstract will be placed on a separate page.

Klíčová slova

Individual keywords in the Czech language, separated by commas, will be entered here.

The maximum number is 10 words.

Delete after adjustment