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**ABSTRACT BOOK**

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# Features of the development of laboratory medicine during the war in Ukraine

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## Background-Aim

The war in Ukraine has become a great challenge for representatives of various medical specialities, including laboratory scientists. That is why it is extremely important to understand the priority areas of development of laboratory medicine in the context of the current needs of society. The purpose of this study was to identify priority areas for the development of laboratory medicine due to the war in Ukraine.

## Methods

The study involved 52 respondents in the aged 18 to 45 years. A sociological study was conducted by means of a survey, using a special questionnaire that was distributed on social media. Among the respondents were 23 students who studying at the university under the “Laboratory Diagnostics” study programme and 29 laboratory doctors, who mostly work in private laboratory centres in Kharkiv.

## Results

In analysing the results of the study, the following data: 47 % of respondents believe that there is no need to change the direction of in laboratory diagnostics, and 53 % say that the first priority should develop rapid diagnostic methods. 69 % of respondents said that currently the most important are rapid tests to determine blood type and Rh factor; 17 % of respondents said that the identification of damage markers are playing an important role in determining markers of heart damage for

## Conclusions

Based on the above research data, we should conclude that the most promising research methods are rapid diagnostics aimed at determining group affiliation and Rh factor, while we should not forget about the determination of traditional markers, including myocardial damage. All this creates the preconditions for further development of the laboratory diagnostics system in Ukraine to improve the provision of medical care for patients with various diseases.

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