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**ABSTRACT  
BOOK**

## THE ROLE OF PATHOPHYSIOLOGY STUDY IN LABORATORY DOCTORS PROFESSIONAL TRAINING

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### BACKGROUND-AIM

An acute need for laboratory diagnostics doctors arises in Ukraine during wartime. It is known that pathophysiology is a core subject that helps to understand the mechanisms of genesis, development, and finalizing of any pathological processes and diseases. It is essential to understand the changes in organisms in the course of different diseases, and pathophysiology allows obtaining such skill.

The aim of current work was to estimate the importance of pathophysiology in the professional training of future laboratory doctors.

### METHODS

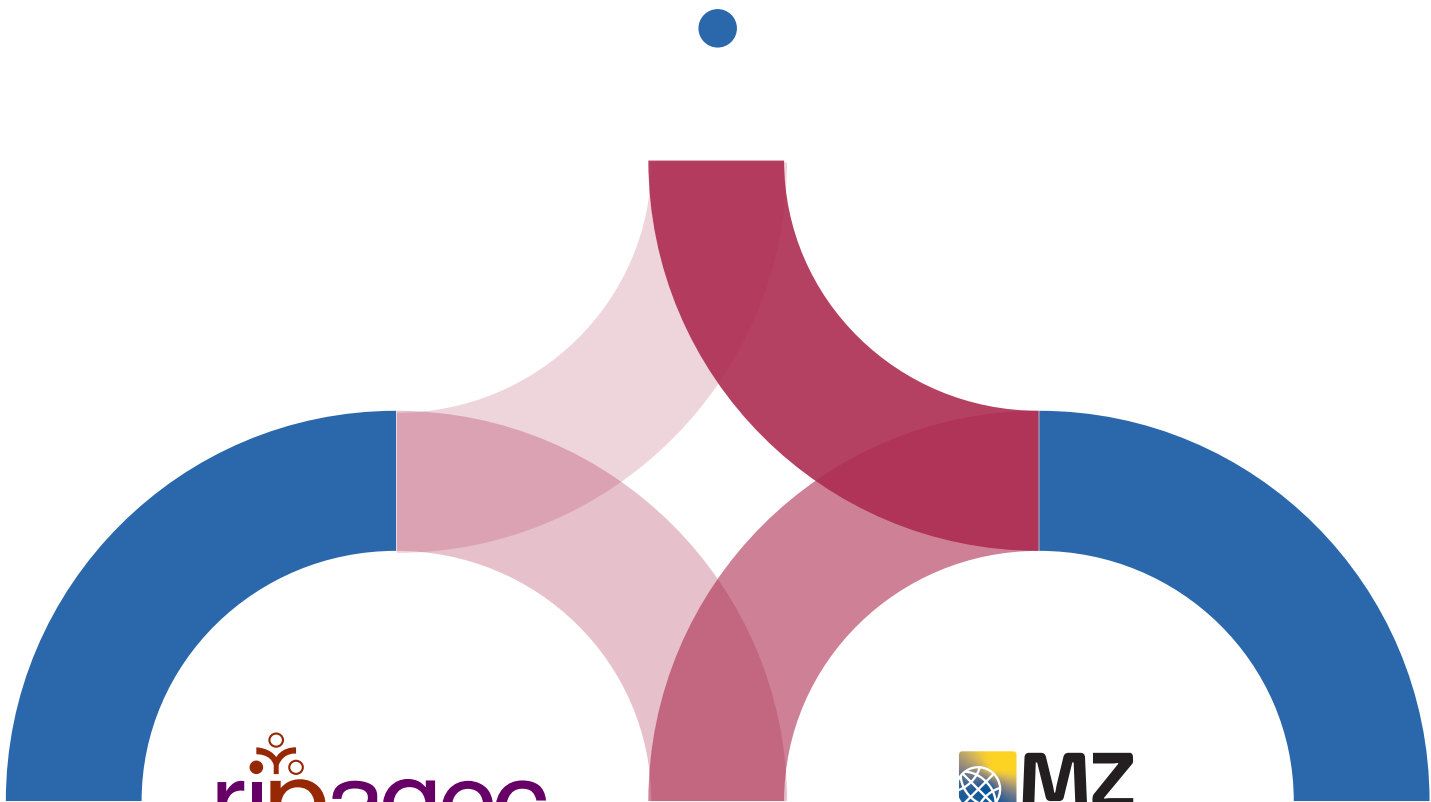
89 students of "Technologies of Medical Diagnostics and Treatment" specialty from known 4 medical universities were involved in research. A sociological survey was carried out with the use of Google Forms questionnaires distributed via social networks.

### RESULTS

78% of respondents were aware of the importance of pathophysiology; the other 22% reported that this subject was secondary in the study. Additionally, 43% explained their choice by the impossibility to predict any changes in the organism without understanding the pathophysiological process; the others had difficulties with that opinion. 68% gave the practical example when pathophysiology was helpful (like cases of blood values alteration during iron deficiency anemia were described to the patient); the rest gave no examples. Most negative answers were motivated by disappointment in their chosen profession (35%); disappointment in medical university (28%); changes in study priorities (21%); low academic motivation (14%); and conflict with teacher (2%).

### CONCLUSIONS

There is certain incomprehension among students regarding the importance of pathophysiology in professional training. Also, there are factors connected with changes in educational path that can affect proper understanding of pathophysiology role.



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