

**МІНІСТЕРСТВО ОХОРОНИ ЗДОРОВ'Я УКРАЇНИ
НАЦІОНАЛЬНИЙ ФАРМАЦЕВТИЧНИЙ УНІВЕРСИТЕТ
КАФЕДРА НОРМАЛЬНОЇ ТА ПАТОЛОГІЧНОЇ ФІЗІОЛОГІЇ**



**V науково-практична internet-конференція
з міжнародною участю**

**«МЕХАНІЗМИ РОЗВИТКУ ПАТОЛОГІЧНИХ ПРОЦЕСІВ І
ХВОРОБ ТА ЇХ ФАРМАКОЛОГІЧНА КОРЕКЦІЯ»**

**17 ЛИСТОПАДА 2022
ХАРКІВ – Україна**

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УДК 615.1:616 (043.2)

Редакційна колегія: Заслужений діяч науки і техніки України, проф. Котвіцька А. А., проф. Владимірова І. М., проф. Кононенко Н. М.

Укладачі: проф. Рибак В. А., Волохов І. В.

Посвідчення Державної наукової установи «Український інститут науково-технічної експертизи та інформації» № 595 від 02.08.2021 р.

Механізми розвитку патологічних процесів і хвороб та їх фармакологічна корекція : тези доповідей V науково-практичної інтернет-конференції з міжнародною участю (17 листопада 2022 р.). – Х. : Вид-во НФаУ, 2022. – 341 с.

Збірник містить матеріали V Науково-практичної internet-конференції з міжнародною участю «Механізми розвитку патологічних процесів і хвороб та їхня фармакологічна корекція». В матеріалах конференції розглянуто сучасні проблеми медицини і фармації: молекулярні основи патології, клітинні та гуморальні механізми розвитку захворювань; роль генетичних факторів у патогенезі захворювань; механізми розвитку патологічних процесів і хвороб; вікова патофізіологія; проблемні аспекти хвороб цивілізації; клінічна патофізіологія; питання викладання патофізіології; експериментальна терапія найбільш поширених захворювань; фармакологічна корекція патологічних процесів; проблеми та перспективи створення лікарських препаратів різної спрямованості дії (лікувально-косметичних, гомеопатичних, ветеринарних, екстемпоральних); інформаційні технології і автоматизація наукових досліджень з розробки лікарських засобів; створення нутрицевтичних засобів та виробів медичного призначення; маркетингові дослідження сучасного фармацевтичного ринку; нанотехнології у фармації; таргетна терапія захворювань людини; трансляційна медицина; новітні технології діагностики та лікування; біомедичні технології; вплив сучасних технологій на здоров'я людини; актуальні питання фізичної реабілітації та сучасні технології збереження здоров'я людини; ментальне здоров'я та інновації у медико-психологічній реабілітації військовослужбовців в умовах воєнного стану; глобальні проблеми громадського здоров'я.

Для широкого кола наукових і практичних працівників медицини та фармації.

UDC 615.1:616 (043.2)

Editorial board: Honored worker of science and technology of Ukraine, prof. Kotvitska A. A., prof. Vladymyrova I. M., prof. Kononenko N. M.

Compilers: prof. Rybak V. A., Volokhov I. V.

Certificate of the State scientific organization «Ukrainian Institute of Scientific and Technical Expertise and Information» № 595 dated 02.08.2021.

Mechanisms of pathological processes development and diseases, their pharmacological correction : collected papers of Vth scientific and practical internet-conference for the international participation (November 17, 2022). – Kh. : NUPh, 2022. – 341 p.

Collected papers includes the materials of Vth scientific and practical internet-conference for the international participation «Mechanisms of pathological processes development and diseases, their pharmacological correction». The modern problems of pathophysiology were considered the materials of the Conference: molecular basis of pathology, cellular and humoral mechanisms of disease development; role of genetic factors in the pathogenesis of diseases; mechanisms of pathological processes and diseases development; age-related pathophysiology; problematic aspects of the diseases of civilization; clinical pathophysiology; issues of pathophysiology teaching; experimental therapy of the most common diseases; pharmacological correction of pathological processes; problems and prospects for the development of medicines with different orientation of action (medical and cosmetic, homeopathic, veterinary, and extemporary preparation); information technology and automation of scientific research on drug create; development of nutraceutical drugs and products for medical purpose; marketing research of the modern pharmaceutical market; nanotechnology in pharmacy; targeted therapy of human diseases; translational medicine; the latest diagnostic and treatment technologies; biomedical technologies; impact of modern technologies on human health; current issues of physical rehabilitation and modern technologies for preserving human health; mental health and innovations in medical and psychological rehabilitation of military personnel under martial law; global public health issues. For a wide audience of scientific and practitioners of medicine and pharmacy.

UDC 615.1:616 (043.2)

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AWARENESS OF MEDICAL STUDENTS OF THE DIAGNOSTIC SIGNIFICANCE OF FEVER AS ONE OF THE FIRST SYMPTOMS OF COVID-19

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Relevance. During the entire period of the COVID-19 pandemic, we have become aware of many symptoms of this disease, in particular: loss of taste and smell; cough; headache; diarrhea, etc., but fever, which is also one of the symptoms of many other respiratory diseases, is not paid much attention. Although it can have a very important prognostic value. Fever can be regarded as a manifestation of a common seasonal cold or a consequence of hypothermia. People who are constantly busy with studying, work and other important matters often resort to the use of antipyretics at the first signs of fever, without even thinking about the consequences for their health. Such a negligent approach to the first manifestations of the disease can cause negative consequences not only for the state of a person's own health, but also for those around him or her.

The aim of the study was to establish the level of awareness of the importance of fever as the first symptom of COVID-19 among medical students.

Materials and methods. The study was conducted by questionnaire survey among 3rd year students of the School of Medicine and postgraduate students. In performing this work, 93 respondents who had coronavirus from different age groups were involved: 17-18 years (37.6%); 19-20 (40.9%); 21-22 (12.9%); 22+ (8.6%). The questionnaire used for the survey was a Google form, which consisted of questions about the symptoms of COVID-19, the type of fever, how often an increase in body temperature indicated the presence of a serious infection and at what temperature the patient started taking medications or thought about self-isolation.

Results. When analyzing the results of the study, it was found that fever was observed in 84.9% of patients with coronavirus disease, among other symptoms: fatigue – 74%; loss of taste and smell – 70.2%; headache – 58.1%; cough – 48.4%. 44.1% of respondents have been affected by the virus 2 times, 10% – 3 or more times, 46.2% – 1 time. Moreover, in 52.3% of cases, respondents noted the appearance of fever during each infection. Also, all respondents indicated the types of temperatures they had: subfebrile – 49.4%; moderate – 31.5%; high – 19.1%. It should be noted that 49.4% associated the appearance of high fever with a cold, in particular, in the first 3-4 days – 29.4% were treated without knowing about the coronavirus infection. In 54.9% of cases, respondents started taking antipyretics immediately upon the onset of fever, and in 45.1% - not. However, the leading reason for the decision to reduce the temperature was the increase in its level to: 37-38°C – in 36% of cases; 38-38.5°C – among 30.1% of respondents; and at 38.5-39°C – only 29.1% of respondents. Circumstances that motivate people to reduce the temperature of 37-38.5°C to normal were: fever prevents them from concentrating on studying, working and doing important things – in 31.8% of cases; concern for their health – in

30.7% of respondents; usually only 35.2% of respondents do not reduce such temperature. A very important circumstance is that antipyretics are not always effective during the coronavirus disease, which was actually confirmed by 47.1% of respondents, and in 18.4% of cases, patients who were not diagnosed with any of the coronavirus strains noted that antipyretics did not help them at all, which is most likely due to the peculiarities of metabolism. Also, according to the study, 86 respondents, despite the home treatment of fever, still had to see a doctor. The reasons that prompted them to seek professional help was the increase in temperature to the following figures: up to 37-38°C – in 33.7% of cases; up to 38-38.5°C – among 23.3% of respondents; up to 38.5-39°C – in 26.7% of respondents, and up to 39-39.5°C – in 11.6% of cases.

Conclusion. Thus, summarizing the data obtained, it can be noted: unfortunately, not all health care workers are aware of the diagnostic value of fever and very often neglect their health and safety of others, and the leading motive for seeking professional medical care was the rise in temperature to subfebrile figures, and at higher values, a large percentage of patients unfortunately continued to treat themselves and endanger others.

Scientific publication

**Vth scientific and practical
internet-conference for the international participation**

**MECHANISMS OF PATHOLOGICAL PROCESSES DEVELOPMENT AND
DISEASES, THEIR PHARMACOLOGICAL CORRECTION**

**Collected papers of Vth scientific and practical
internet-conference for the international participation**

(November 17, 2022)

Signed to print 14.11.2022. Format 60x84/16. Paper is offset.

Font of Times New Roman. Risograph printing.

Conventional printed sheets 6,2.

30 copies were printed. Order from 14.11.2022. The price negotiated.

Printed from make-up page in the print-house of FOP Zanochkin D.L.

16 Plekhanivska str., Kharkiv, Ukraine, tel. (057) 757-93-82