

SCI-CONF.COM.UA

RESULTS OF MODERN SCIENTIFIC RESEARCH AND DEVELOPMENT



**PROCEEDINGS OF III INTERNATIONAL
SCIENTIFIC AND PRACTICAL CONFERENCE
MAY 29-31, 2021**

**MADRID
2021**

RESULTS OF MODERN SCIENTIFIC RESEARCH AND DEVELOPMENT

Proceedings of III International Scientific and Practical Conference

Madrid, Spain

29-31 May 2021

Madrid, Spain

2021

UDC 001.1

The 3rd International scientific and practical conference “Results of modern scientific research and development” (May 29-31, 2021) Barca Academy Publishing, Madrid, Spain. 2021. 675 p.

ISBN 978-84-15927-33-4

The recommended citation for this publication is:

Ivanov I. Analysis of the phaunistic composition of Ukraine // Results of modern scientific research and development. Proceedings of the 3rd International scientific and practical conference. Barca Academy Publishing. Madrid, Spain. 2021. Pp. 21-27. URL: <https://sci-conf.com.ua/iii-mezhdunarodnaya-nauchno-prakticheskaya-konferentsiya-results-of-modern-scientific-research-and-development-29-31-maya-2021-goda-madrid-ispaniya-arhiv/>.

Editor

Komarytskyy M.L.

Ph.D. in Economics, Associate Professor

Collection of scientific articles published is the scientific and practical publication, which contains scientific articles of students, graduate students, Candidates and Doctors of Sciences, research workers and practitioners from Europe, Ukraine, Russia and from neighbouring countries and beyond. The articles contain the study, reflecting the processes and changes in the structure of modern science. The collection of scientific articles is for students, postgraduate students, doctoral candidates, teachers, researchers, practitioners and people interested in the trends of modern science development.

e-mail: madrid@sci-conf.com.ua

homepage: <https://sci-conf.com.ua>

©2021 Scientific Publishing Center “Sci-conf.com.ua” ®

©2021 Barca Academy Publishing ®

©2021 Authors of the articles

TABLE OF CONTENTS

AGRICULTURAL SCIENCES

1. *Панасюк Р. М.* 15
ОСОБЛИВОСТІ ВИРОЩУВАННЯ НОВИХ СКОРОСТИГЛИХ СОРТІВ СОЇ УКРАЇНСЬКОЇ СЕЛЕКЦІЇ В УМОВАХ ЗОНИ ДОСТАТНЬОГО ЗВОЛОЖЕННЯ
2. *Тирусь М. Л.* 17
ВПЛИВ РІВНЯ УДОБРЕННЯ НА РІСТ І РОЗВИТОК АМАРАНТУ В УМОВАХ ЛІСОСТЕПУ ЗАХІДНОГО

VETERINARY SCIENCES

3. *Гонтарь А. М., Северин Р. В., Пономаренко Г. В., Талалаєва Д. Є.* 20
ЕПІЗООТОЛОГІЧНИЙ МОНІТОРИНГ ПАНЛЕЙКОПЕНІЇ КОТІВ НА ТЕРИТОРІЇ ПОЛТАВСЬКОЇ ОБЛАСТІ
4. *Гончаров С.* 24
ЗАЛЕЖНІСТЬ ЗАРАЖЕНОСТІ ЧОРНОМОРСЬКИХ БИЧКІВ МЕТАЦЕРКАРІЯМИ ТРЕМАТОД *CRYPTOCOTYLE LUHE*, 1899 ВІД ВІКУ РИБ

BIOLOGICAL SCIENCES

5. *Lisovets O. I., Polishchuk A. A.* 30
ECOLOGICAL AND BIOLOGICAL FEATURES OF LAWN PLANTS OF NIKOPOL CITY (DNIPRO REGION)
6. *Юдіна Є. О.* 35
ЕКТОТОКСИКАНТИ

MEDICAL SCIENCES

7. *Banothu Dinesh, Patel Meet V., Pathan Shabina, Tahiliani Vikshit K., Abramova N. O.* 43
STUDY OF NEONATAL DIABETES MELLITUS
8. *Bist Abishek, Verma Anchal Kumar, Jain Prashant, Kunal Kunal, Pashkovska N.* 50
MATURITY ONSET DIABETES IN YOUNG: REVIEW OF THE PROBLEM
9. *Mandryk O., Stasiuk V., Yeleniuk I.* 55
FEATURES OF 24 HOUR ARTERIAL PRESSURE MONITORING IN PATIENTS WITH COMORBID NONALCOHOLIC STEATOHEPATITIS DEPENDING ON THE BODY WEIGHT INDEX
10. *Mandryk O., Yeleniuk I., Stasiuk V.* 57
INHIBITION OF STEATOSIS AND LIVER FIBROSIS PROGRESSION IN PATIENTS WITH NONALCOHOLIC STEATOHEPATITIS AND STAGE TWO ESSENTIAL HYPERTENSION DUE TO THE TREATMENT WITH HEPADIF,

INHIBITION OF STEATOSIS AND LIVER FIBROSIS PROGRESSION IN PATIENTS WITH NONALCOHOLIC STEATOHEPATITIS AND STAGE TWO ESSENTIAL HYPERTENSION DUE TO THE TREATMENT WITH HEPADIF, EZETIMIBE AND FOSINOPRIL

Mandryk Olha,

Doctor of medical science, associate professor

Yeleniuk Inna,

Stasiuk Vitalina

students

Department of internal medicine,

clinical pharmacology and professional diseases

Higher State Scientific Establishment

“Bukovinian State Medical University”

Keywords: nonalcoholic steatohepatitis, SteatoTest, FibroTest, arterial hypertension

Introduction. Relevance of the research of comorbid course of nonalcoholic steatohepatitis (NASH) in patients with obesity and arterial hypertension (AH) is a cascade of reactions of mutual aggravation therefore our aim was to establish a probable effect of a set of remedies such as hepadif, ezetimibe and fozinopril on the degree of liver steatosis, liver tissue fibrosing, the condition of hepatic blood flow.

Materials and methods. The study involved 60 patients with NASH with mild and moderate activity and comorbid course of stage II AH and the 1st degree obesity. To determine the effectiveness of treatment, we formed 2 groups of patients who were randomized. The control group (C) (30 individuals). The main group (M) (30 individuals) received a hypocaloric diet, metformin 500 mg 2 times a day, hepadif, ezetimibe and fozinopril 10 mg per day over the 30 days.

Results. These data were confirmed by the results of SteatoTest and FibroTest. In particular, the indicator of the intensity of hepatocyte steatosis, which had been significantly increased before the treatment decreased significantly after the treatment in patients of M group: by 41.3%, while in the control group it only tended to

decrease. Changes in the FibroTest values in the dynamics of treatment were not statistically reliable in both groups, but in the group M the reduction rate decreased by 15.2%.

Conclusions. The comprehensive therapy including the drugs hepadif, fozinopril and ezetimibe was more effective than the traditional combination: Essentiale, enalapril and atorvastatin both for rapid elimination of the degree of hepatocyte steatosis and for inhibiting fibrosis in the liver tissue.