2023 № 4

Contents

	C. (P.)
Editorial Board	1
Contents	2-3
Review	
Inventive methods of vaccine development: Research of optimal conditions of photodynamic inactivation	4-11
Khrystyna Melentieva, Artur Martynov, Svitlana Kalinichenko, Tatyana Antusheva, Petro Ovetchyn	
Current aspects of the medical application of walnut (Juglans regia l.) and black walnut (Juglans nigra l.) (review) Ivan Mozhaiev	12-18
Pharmacological properties of biologically active substances of hops (Humulus Lupulus) Nosalska Tetyana, Dovha Inna, Martynov Artur, Kazmirchuk Viktor, Batrak Olena	19-25
Experimental works	
Antimicrobial activity of nisin, diclofenac sodium, amlodipine and their pharmaceutical compositions regarding reference strains of microorganisms Tetyana Osolodchenko, Artur Martynov, Iryna Andreyeva, Nadiya Zavada, Olena Batrak, Iryna Ryabova	26-30
Study of the influence of viruses of the family Herpesviridae 4, 6 types and human endogenous retroviruses on the course of multiple sclerosis Oleg Kolyada, Irina Kuchma, Tatyana Kolyada, Anatoly Sklyar, Lyudmila Tynynyka	31-41
Study of antimicrobial activity of extracts of sea buctorn Lyubov Naumenko, Iryna Zhuravel	42-45
Study of Timothy herb mineral composition Igor Bondarenko, Viktoriya Kyslychenko	46-49
Morphological and anatomical study of Russell's lisianthus herb Anna Olefirenko, Viktoriya Kyslychenko	50-56
Research of mineral elements in <i>Cosmos bipinnatus</i> Cav. raw materials Amina Deineka, Iryna Zhuravel	57-59
Fatty acid composition of <i>Agaricus bisporus</i> fruit bodies Nadiya Burda, Iryna Zhuravel, Inna Orlenko, Vikroriya Hutsol	60-63
Component composition of a number of phenolic compounds in fruits Viburnum opulus 1. Olha Khvorost, Bogdan Leontiev	64-67
Effects of exposure methods to differences in material analysis of plant tanin in leaves of Psidium guajava l. according to UV-VIS spectroscopic photometry from Tana toraja south Sulawesi Yuri Pratiwi Utami, Imrawati, Elpani Songga	68-72
Research of the primary metabolites of Astragalus dasyanthus herb Olha Khvorost, Yehenia Zudova	73-78
Study of the pharmacotechnological parameters of ginger rhizomes for developing the conditions of biologically active substances extracting	79-83

Study of pharmacy websites in Ukraine as a component of telepharmacy Kateryna Dorykevych, Kateryna Kurylo, Dzvenyslava Hrushkovska	84-89
Antiepileptic drugs as objects of the national pharmaceutical market. Message 1. Characteristics of the nomenclature of antiepileptic drugs from the point of view of the state guarantee program of medical care of the population Pavlo Henyk, Oxana Levytska, Iryna Chukhray, Natalya Yarko, Sophya Tereshchuk, Bogdan Hromovyk	90-98
Cost of migraine prevention with topiramate medicines Yarina Hrynkiv	99-102
Antiepileptic drugs as objects of the national pharmaceutical market. Message II. Analysis of economic availability of antiepileptic drugs (on the example of assortment offers of Top-3 wholesale pharmaceutical enterprises of Ukraine) Pavlo Henyk, Oxana Levytska, Iryna Chukhray, Nataly Yarko, Sophya Tereshchuk, Bohdan Hromovyk	103-110
Analysis of the structure of pharmacy establishments, that are in the common property of territorial communities, through the prism of pharmaceutical safety of the state Ostap Pankevych, Natalia Tkachenko, Sophya Shunkina, Bohdan Hromovyk	111-115
Marketing justification of introducing the original herbal medicine for the treatment of mastopathy to the pharmaceutical market of Ukraine Svitlana Zuikina, Polina Palyvoda	116-121
Activity of pharmacies in Ukraine during the war Kateryna Dorykevych, Olha Bokalo	122-132
Research on the selection of components for the creation of a medicine for the treatment of seboreic dermatitis of the scalp Ilona Konovalenko, Albina Cherkasova	133-138
Research of the mineral composition and determination of some quality indicators of the flowers and herbs of snapdragons (<i>Antirrhinum majus</i> L.) Sophya Ilyina, Iryna Zhuravel	139-143
Features of the course of acute respiratory infections in rheumatological patients during the military aggression by the Russia's military aggression against Ukraine Olena Grishyna, Olena Menkus	144-149
Study of antimicrobial activity of Zinnia elegans raw materials Irina Tulub, Nadiia Burda	150-153
Information Letters	
(Information letter) Model of microorganism's inactivation for obtaining vaccines Svitlana Derkach, Artur Martynov, Nadiya Sklyar, Anatoly Maryushchenko, Nataly Kutsay, Valentina Dyachenko	154-155
(Information letter) A treatment method for Covid-19 infection in patients with inflammatory joint diseases Arthur Martynov, Olena Grishyna, Olena Menkus	156-157
(Information letter) Method of long-term storage of museum strains of microorganisms Valery Minukhin, Nadia Sklyar, Olena Peretyatko, Yulia Yagnyuk, Svetlana Krestetska, Galyna Bolshakova	158-160