

Number of patents and other protection documents (in which the organization itself is indicated as the patent holder) for 2022

№	Patent owner (organization or individual employee of the organization)	Author(s), developer(s)	No. of title of protection	Name of technology, development, invention	Agency that issued the title of protection	Date of registration	The coefficient k = 1.5 is applied if the patent is included in the Web of Science database, if the patent is	Поставьте цифру 1 в столбце, который			Баллы присваиваемые за отдельные			Indicate under which scientific program this title of protection was prepared (this information is necessary to assess the effectiveness of the implementation)
								Patents issued by foreign or international patent agencies	Patents issued by foreign or international patent agencies	Certificate of registration of an object of intellectual property, innovation patents	Patents issued by foreign or international patent agencies in the reporting year	Patents of the Republic of Kazakhstan for an invention, utility model in the reporting year	Certificate of registration of an intellectual property object in the reporting year	
1	Kydyrmoldina A.Sh. Zhetpisbaev B.A. Malik M.M. Omarkhanova E.K Utegenova A.A.	Utegenova Aigul Maratovna (CRSAD)	Patent for utility model №7319	Phytocomposition with antioxidant and immunomodulatory effects	RSE on REM "National Institute of Intellectual Property"	29.04.2022			1				50	
2	Kyzykhan Y.S., Mamytova B.N., Kadralinova Z.D.	Kyzykhan Y.S., Mamytova B.N., Kadralinova Z.D.	Patent for utility model №7386	Grain bar	RSE on REM "National Institute of Intellectual Property"	01.02.2022			1				50	
3	Rustemova K.R. Zemlyanskiy V.V.	Rustemova K.R. Zemlyanskiy V.V.	Patent for utility model №35941	Method for embolization of the internal iliac artery after endovascular replacement of aneurysms of the abdominal aorta	RSE on REM "National Institute of Intellectual Property"	08.10.2022			1				50	
4	Shakeeva A.R., Kuzmin V.D.	Lozovoi V.M., Rustemova K.R., Kulmanov Kh.B., Kizatullin S.S.	Patent for invention №35874	A method for preventing sticking of the subgaleal pocket in case of intraventricular hemorrhage in young children	RSE on REM "National Institute of Intellectual Property"	02.04.2021			1				50	
5	Nagyzbekkyzy A.	Nagyzbekkyzy A.	Patent for utility model №7570	Biological preparation intended for the processing of sewage sludge into organomineral fertilizer	RSE on REM "National Institute of Intellectual Property"	04.11.2022			1				50	
6	Murzakhmetova A.O. Ainabekova B.A.	Murzakhmetova A.O. Ainabekova B.A.	Certificate of authorship №23020	Study of B2 microglobulin in patients with acute leukemia	RSE on REM "National Institute of Intellectual Property"	24.01.2022				1				3
7	Murzakhmetova A.O. Ainabekova B.A.	Murzakhmetova A.O. Ainabekova B.A.	Certificate of authorship № 23185	Study of albumin-creatinine ratio in patients with acute leukemia	RSE on REM "National Institute of Intellectual Property"	01.02.2022				1				3
8	Zhuzhasarova A.A., Baesheva D.A., Turdalina B.R., Rudenko V.V, Seidullayeva A.Zh., Mynzhanova A. Altynbekova A.V.	Zhuzhasarova A.A., Baesheva D.A., Turdalina B.R., Rudenko V.V, Seidullayeva A.Zh., Mynzhanova A. Altynbekova A.V.	Certificate of authorship №23039	Algorithm for the introduction of patients with complicated measles in children	RSE on REM "National Institute of Intellectual Property"	25.01.2022				1				3
9	Khamidullina Z.G., Abdrashidova S.B., Khasenova A.Zh., Aldabekova G.U.	Khamidullina Z.G., Abdrashidova S.B., Khasenova A.Zh., Aldabekova G.U.	Certificate of authorship №23130	Experience in organizing the work of the obstetric unit of the State Enterprise on the REM "Multiprofile city hospital No. 3" of the city of Nur-Sultan in the context of the COVID-19 pandemic	RSE on REM "National Institute of Intellectual Property"	28.01.2022				1				3
10	Yeszhanova L.Y. Dzhaksybayeva A.Kh., Akhmetzhanova Z.B., Khydyrpatsha I.	Yeszhanova L.Y. Dzhaksybayeva A.Kh., Akhmetzhanova Z.B., Khydyrpatsha I.	Certificate of authorship №23191	Register of patients with Fabry disease in the Republic of Kazakhstan	RSE on REM "National Institute of Intellectual Property"	01.02.2022				1				3
11	Kulzhanova Sh.A., Smagulova Z.K., Konkaeva M.E., Turebaeva G.O., Tsechoeva T.A., Beisenbieva N.E., Nurakhmetova G.A., Tuleshova G.T., Utegenova A. .M., Chayakova A.M., Bekbaev A.Zh.	Kulzhanova Sh.A., Smagulova Z.K., Konkaeva M.E., Turebaeva G.O., Tsechoeva T.A., Beisenbieva N.E., Nurakhmetova G.A., Tuleshova G.T., Utegenova A. .M., Chayakova A.M., Bekbaev A.Zh.	Certificate of authorship №25546	Assessment of the clinical efficacy of the antiviral drug "Remdesivir" in patients with COVID-19	RSE on REM "National Institute of Intellectual Property"	27.04.2022				1				3
12	Tsay Y.M. Urazova C.H. Abzalova R.A. Amanbayeva N.A. Brimova M.B.	Tsay Y.M. Urazova C.H. Abzalova R.A. Amanbayeva N.A. Brimova M.B.	Certificate of authorship №25578	Training of medical workers of BSMK to the universal - progressive patronage model using innovative methods	RSE on REM "National Institute of Intellectual Property"	28.04.2022				1				3
13	Chayakova A.M.	Chayakova A.M.	Certificate of authorship №26453	The use of geographic information systems to assess medical, social and infrastructural barriers to the provision of emergency medical care	RSE on REM "National Institute of Intellectual Property"	24.05.2022				1				3
14	Saidakhmetova A.A., Rakhzhanova S.O., Raimkhanova H.T.,	Utegenova A.M.	Certificate of authorship №26568	Associative experiment as a forecasting tool	RSE on REM "National Institute of Intellectual Property"	27.05.2022				1				3
15	Baidullaeva D.K., Zhusupova G.K.	Zhusupova G.K.,	Certificate of authorship №26051	Website "Kazakhstan national medicinal formulary"	RSE on REM "National Institute of Intellectual Property"	13.05.2022				1				3

35	Mendybayev A.A. Fursoy A.B.	Mendybayev A.A. Fursoy A.B.	Certificate of authorship №27466	Laparoscopic transabdominal hernioplasty with an endoprosthesis, with suturing of the internal inguinal ring	RSE on REM "National Institute of Intellectual Property"	24.06.2022				1					3
36	Rustemova K.R., Saipieva D.T., Askarov M.B., Yerdenova G.K.	Rustemova K.R.	Certificate of authorship №29539	Mechanism of action of autologous bone marrow mononuclear cells in the treatment of primary biliary cholangitis	RSE on REM "National Institute of Intellectual Property"	18.10.2022				1					3
37	Rustemova K.R., Igisinov N.S., Kozhakhmetov S.K., Aitmoldin B.A.	Rustemova K.R., Igisinov N.S., Kozhakhmetov S.K.,	Certificate of authorship №29024	Modern technologies for the treatment of acute destructive pancreatitis	RSE on REM "National Institute of Intellectual Property"	26.09.2022				1					3
38	Kulbayeva Sh.K., Turgambayeva A.K., Musina A.A.	Kulbayeva Sh.K., Turgambayeva A.K., Musina A.A.	Certificate of authorship №23535	Remote monitoring of the health status of patients with chronic cardiovascular vascular diseases	RSE on REM "National Institute of Intellectual Property"	11.02.2022				1					3
39	Musina A.A. Amanbekova A.U., Doskireeva D.B. , Kerimbayeva Z.A.	Musina A.A.	Certificate of authorship №26476	Directions for effective measures of interdepartmental interaction between services for the prevention and early detection of occupational diseases	RSE on REM "National Institute of Intellectual Property"	25.05.2022				1					3
40	Musina A.A., Ismailova A.A., Amantayeva A.A., Yerdenova G.K.	Musina A.A., Ismailova A.A., Amantayeva A.A., Yerdenova G.K.	Certificate of authorship №26405	The structure of occupational morbidity in the East Kazakhstan region	RSE on REM "National Institute of Intellectual Property"	23.05.2022				1					3
41	Ismailova A.A., Sisenova A.K., Musina A.A.	Ismailova A.A., Sisenova A.K., Musina A.A.	Certificate of authorship №26225	A predictive model for estimating the probability of preventable death from road accidents	RSE on REM "National Institute of Intellectual Property"	18.05.2022				1					3
42	Musina A.A. Suleimenova R. K., Zhizhila S.A., Danbaeva Zh.S., Musina A.A.	Musina A.A. Suleimenova R. K., Zhizhila S.A., Danbaeva Zh.S., Musina A.A.	Certificate of authorship №26470	The nature and dynamics of detectability of primary occupational pathology in the Republic of Kazakhstan	RSE on REM "National Institute of Intellectual Property"	24.05.2022				1					3
43	Ismailova A.A., Galaeva A.I., Danbaeva Zh.S., Musina A.A.	Ismailova A.A., Galaeva A.I., Danbaeva Zh.S., Musina A.A.	Certificate of authorship №26617	Working conditions and the state of reproductive health of female workers involved in the crushing and enrichment of chromium ore	RSE on REM "National Institute of Intellectual Property"	30.05.2022				1					3
44	Ismailova A.A., Amanova A.D., Suleimenova R.K., Musina A.A.	Ismailova A.A., Amanova A.D., Suleimenova R.K., Musina A.A.	Certificate of authorship №26609	Hygienic aspects of labor activity of employees of locomotive depots of railway transport in Kazakhstan	RSE on REM "National Institute of Intellectual Property"	30/05/200				1					3
45	Ismailova A.A., Suleimenova R.K., Abildayeva A.K., Musina A.A.	Ismailova A.A., Suleimenova R.K., Abildayeva A.K., Musina A.A.	Certificate of authorship №26823	Hygienic assessment of labor activity and functional state of health of workers involved in the production of chromium metal	RSE on REM "National Institute of Intellectual Property"	03.06.2022				1					3
46	Ismailova A.A., Malikova D.I., Musina A.A., Myrzagalyeva A.M.	Ismailova A.A., Malikova D.I., Musina A.A., Myrzagalyeva A.M.	Certificate of authorship №26916	Hygienic assessment of drinking water supply of the population living along the railway of Kazakhstan	RSE on REM "National Institute of Intellectual Property"	07.06.2022				1					3
47	Ismailova A.A., Galayeva A.I., Musina A.A., Ilyasova B.M.	Ismailova A.A., Galayeva A.I., Musina A.A., Ilyasova B.M.	Certificate of authorship №26917	Efficiency of an automated system for predicting the course of occupational diseases	RSE on REM "National Institute of Intellectual Property"	07.06.2022				1					3
48	Rakhmetova B.T., Musina A.A., Yerdenova G.K., Dauletbayeva A.K.	Rakhmetova B.T., Musina A.A., Yerdenova G.K., Dauletbayeva A.K.	Certificate of authorship №26949	The study of the subjective attitude of schoolchildren in Nur-Sultan to the formation of a healthy lifestyle in order to motivate them to take care of their own health	RSE on REM "National Institute of Intellectual Property"	08.06.2022				1					3
49	Aryntai Zh Urazova S Garkalov K Ashirmatova I	Aryntai Zh Urazova S Garkalov K Ashirmatova I	Certificate of authorship №31058	Analysis of the effectiveness of managing bronchial asthma in an outpatient setting in Nur-Sultan	RSE on REM "National Institute of Intellectual Property"	13.12.2022				1					3
50	Tsay Y.M. Urazova S.N. Amanbayeva N.A.	Tsay Y.M. Urazova S.N. Amanbayeva N.A.	Certificate of authorship № 31443	Analysis of the personnel planning system in public primary organizations health care of the Republic of Kazakhstan	RSE on REM "National Institute of Intellectual Property"	27.12.2022				1					3
51	Nurtazinova G.S.	Nurtazinova G.S.	Certificate of authorship № 31399	The role of erythrocyte phagocytes in the complex treatment of soft tissue abscess	RSE on REM "National Institute of Intellectual Property"	26.12.2022				1					3
52	Ashikbayeva M.A.	Ashikbayeva M.A.	Certificate of authorship № 31132	Fungal diseases in birch and poplar plants of Astana city	RSE on REM "National Institute of Intellectual Property"	15.12.2022				1					3
53	Anapina B.U. Musina A.Y.	Anapina B.U. Musina A.Y.	Certificate of authorship № 31146	Application of the innovative method in the teaching of practical skills - conducting hysteroscopy of students	RSE on REM "National Institute of Intellectual Property"	15.12.2022				1					3
54	Anapina B.U. Khamidullina Z.G.	Anapina B.U. Khamidullina Z.G.	Certificate of authorship № 31511	"Experience of operative interventions in pregnant women with ovarian cysts" in gynecology MGB No. 3	RSE on REM "National Institute of Intellectual Property"	30.12.2022				1					3
55	Absatirova V.K. Khamchiev K.M. Khamchieva Z.K.	Absatirova V.K. Khamchiev K.M. Khamchieva Z.K.	Certificate of authorship № 31520	Blood circulation and water balance of the lungs in the dynamics of inhalation and exhalation	RSE on REM "National Institute of Intellectual Property"	30.12.2022				1					3

56	Absatirova V.K. Khamchiev K.M. Khamchieva Z.K. Zhiengaliyeva A.K. Uazirkhanov M.U.	Absatirova V.K. Khamchiev K.M. Khamchieva Z.K. Zhiengaliyeva A.K. Uazirkhanov M.U.	Certificate of authorship № 31521	State of pulmonary hemodynamics during acute bleeding	RSE on REM "National Institute of Intellectual Property"	30.12.2022				1					3	
57	Musina A., Aidarkhanova A.	Musina A.,	Certificate of authorship №31039	Level of incidence of HIV in the Republic of Kazakhstan among foreign citizens	RSE on REM "National Institute of Intellectual Property"	13.12.2022				1					3	
58	Ismailova A, Musina A, Suleimenova R., Amirseitova F., Nurgaliyeva A, Zhabytai Zh.	Ismailova A, Musina A, Suleimenova R., Amirseitova F.	Certificate of authorship №31105	Evaluation of the quality of life of workers engaged in the crushing and beneficiation of iron ore	RSE on REM "National Institute of Intellectual Property"	14.12.2022				1					3	
59	Ismailova A, Musina A, Suleimenova R., Amirseitova F., Muratbekova A, Marat A.	Ismailova A, Musina A, Suleimenova R., Amirseitova F.	Certificate of authorship №31049	Comprehensive assessment of the impact of production factors on the health of workers engaged in ore preparation, crushing and beneficiation of iron ore	RSE on REM "National Institute of Intellectual Property"	13.12.2022				1					3	
60	Ismailova A. Musina A. Zeynoldina A., Suleymenova R, Myrzagaliyeva A. Lise W., Saylaubai N.	Ismailova A. Musina A. Zeynoldina A., Suleymenova R, Myrzagaliyeva A.	Certificate of authorship №31100	Assessment of soil pollution Agricultural lands of Egindykol district	RSE on REM "National Institute of Intellectual Property"	14.12.2022				1					3	
61	Musina A. Ismailova A., Erdenova G, Zhizhila S., Bokova Z., Borashev T	Musina A. Ismailova A., Erdenova G, Zhizhila S., Bokova Z., Borashev T	Certificate of authorship № 31174	Ecological assessment of surface waters, soil and bottom sediments of Lake Balkhash	RSE on REM "National Institute of Intellectual Property"	19.12.2022				1					3	
62	Musina A. Zhizhila S.A., Suleymenova R.K., Erdenova G.K., Amirseitova F.T., Zeynoldina A.S.,	Musina A. Zhizhila S.A., Suleymenova R.K., Erdenova G.K., Amirseitova F.T., Zeynoldina A.S.,	Certificate of authorship № 31260	Evaluation of the effectiveness of the implementation of the educational project technology "Interdisciplinary web quest", within the framework of practical classes of the modular discipline	RSE on REM "National Institute of Intellectual Property"	20.12.2022				1					3	
63	Absatirova V.K. Khamchiev K.M. Nagimtaeva A.A. Zhiengaliyeva A.K. Khamchieva Z.K. Uzirkhanov M.U. Ostanin A.A.	Absatirova V.K. Khamchiev K.M. Nagimtaeva A.A. Zhiengaliyeva A.K. Khamchieva Z.K. Uzirkhanov M.U. Ostanin A.A.	Certificate of authorship № 31522	The state of conditioned reflex activity and behavioral reactions during action hypoxia on background noise and correction with ascorbic acid	RSE on REM "National Institute of Intellectual Property"	30.12.2022				1					3	
64	Derbisalina G.A. Nurgaliev N.K. Zhunusova D.K. Alibekova G.A. Zemlyanskaya N.S. Yusubaliyeva S.M. Kalimbardiyeva F.S.	Derbisalina G.A. Nurgaliev N.K. Zhunusova D.K. Alibekova G.A. Zemlyanskaya N.S. Yusubaliyeva S.M. Kalimbardiyeva F.S.	Certificate of authorship № 22848	Methodology of conducting professional practice among internal students of medical universities based on the creation of heterogeneous language groups	RSE on REM "National Institute of Intellectual Property"	14.01.2022				1					3	
65	Alibekova G.A. Derbisalina G.A. Togizbayev G.A.	Alibekova G.A. Derbisalina G.A. Togizbayev G.A.	Certificate of authorship № 23072	Clinical-diagnostic value of evaluation indices in patients with systemic lupus erythematosus	RSE on REM "National Institute of Intellectual Property"	26.01.2022				1					3	
66	Kusainova A.A. Akhmetova A.K. Kasym L.T.	Kusainova A.A. Akhmetova A.K. Kasym L.T.	Certificate of authorship №30049	Algorithm of tactical management of patients with vitiligo taking into account psychological and neurogenetic features	RSE on REM "National Institute of Intellectual Property"	07.11.2022				1					3	
67	Turdybekova B.S. Nurgaliev N.K. Derbisalina G.A.	Turdybekova B.S. Nurgaliev N.K. Derbisalina G.A.	Certificate of authorship № 23471	Improvement of the organization of the provision of free dental care to the population	RSE on REM "National Institute of Intellectual Property"	10.02.2022				1					3	
68	Nagashybek G.S., Zhunisova D.K., Derbisalina G.A.	Nagashybek G.S., Zhunisova D.K., Derbisalina G.A.	Certificate of authorship №31007	Assessment of the health status of patients with arterial hypertension during the spread of the coronavirus infection in Kazakhstan	RSE on REM "National Institute of Intellectual Property"	12.12.2022				1					3	
69	Amangeldinova D.Y. Zhunusova D.K., Derbisalina G.A.	Amangeldinova D.Y. Zhunusova D.K., Derbisalina G.A.	Certificate of authorship №31006	Assessment of the quality of life of patients with bronchial asthma during the spread of coronavirus infection	RSE on REM "National Institute of Intellectual Property"	12.12.2022				1					3	
70	Orazbayev S.T.	Orazbayev S.T.	Certificate of authorship №31461	Application of erythrocyte pharmacocytes in complex treatment of cholangitis patients with extrahepatic duct strictures	RSE on REM "National Institute of Intellectual Property"	28.12.2022				1					3	
71	Amanbayeva N.A. Urazova S.N. Abzalova R.A. Tsay Y.M.	Amanbayeva N.A. Urazova S.N. Tsay Y.M.	Certificate of authorship № 27635	Application of interactive learning technologies to the cycle of advanced training "Implementation of the Program for the Management of Chronic Non-Communicable Diseases"	RSE on REM "National Institute of Intellectual Property"	04.07.2022				1					3	

72	Baiduisenova A.U.	Baiduisenova A.U.	Certificate of authorship № 24152	Program of the certification course "Virusology"	RSE on REM "National Institute of Intellectual Property"	04.03.2022				1				3
73	Murzabayeva R.R., Smailova G.T.	Murzabayeva R.R., Smailova G.T.	Certificate of authorship № 23600	Prognostic criteria for Holter monitoring of ECG in patients Low risk of ACS	RSE on REM "National Institute of Intellectual Property"	14.02.2022				1				3
74	Khydyrpatsha L. Yeszhanova L.Y	Khydyrpatsha L. Yeszhanova L.Y	Certificate of authorship №23576	"Neurological manifestations of Fabry disease"	RSE on REM "National Institute of Intellectual Property"	14.02.2022				1				3
75	Polyakova T., Osipov V., Kolosov Yu., Zhakupova T., Toleubayev M., Dmitrieva M.	Polyakova T., Osipov V., Kolosov Yu., Zhakupova T., Toleubayev M., Dmitrieva M.	Certificate of authorship № 24282	Taxonomy of defects in the provision of emergency medical care	RSE on REM "National Institute of Intellectual Property"	11.03.2022				1				3
76	Bulatova E. Yu. Maltabarova N.A, Zhumabayev M.B., Sarsenbaeva A.K	Bulatova E. Yu. Maltabarova N.A, Zhumabayev M.B., Sarsenbaeva A.K	Certificate of authorship № 24042	Improvement of early diagnosis of sepsis in children of the first year of life in the department of anesthesiology, resuscitation and intensive care	RSE on REM "National Institute of Intellectual Property"	02.03.2022				1				3
77	Latypova N.A., Zhusupbekova L.I, Baitenova L.N. etc.	Latypova N.A., Zhusupbekova L.I, Baitenova L.N. etc.	Certificate of authorship № 22784	A guide to the general practice of the general practitioner organization ambulatory outpatient care (in tables and charts)	RSE on REM "National Institute of Intellectual Property"	05.01.2022				1				3
78	Rakhmetova B.T. Musina A.A., Yerdenova G.Y. Dauletbayeva A.K.	Rakhmetova B.T. Musina A.A., Yerdenova G.Y. Dauletbayeva A.K.	Certificate of authorship № 26949	Изучение субъективного отношения школьников г. Нур-Султан к формированию здорового образа жизни с целью мотивации к заботе о собственном здоровье	RSE on REM "National Institute of Intellectual Property"	08.08.2022				1				3
79	Aimoldina K.Zh., Shakenova D.K. Kasimova M.I. Утебаева A.A. Izimova A.A.	Aimoldina K.Zh., Shakenova D.K. Kasimova M.I. Утебаева A.A. Izimova A.A.	Certificate of authorship № 23851	Evaluation of communication barriers among nurses of CF "UMC"	RSE on REM "National Institute of Intellectual Property"	23.02.2022				1				3
80	Shormanova L .Zh. Gabdilashimova Z.T.	Shormanova L .Zh. Gabdilashimova Z.T.	Certificate of authorship № 27212	Questionnaire for detecting disorders of the menstrual cycle in hyperprolactinemia in combination with hypothyroidism.	RSE on REM "National Institute of Intellectual Property"	15.06.2022				1				3
81	Raimagambetova Y.K., Saginov B.N., Kazbekov A.B.	Raimagambetova Y.K., Saginov B.N., Kazbekov A.B.	Certificate of authorship № 29831	Complex data base of patients with idiopathic and post-traumatic gonatrozom Date of creation of the object	RSE on REM "National Institute of Intellectual Property"	31.10.2022				1				3
82	Sausakova S.B., Imashpayev D.M. Turgambayeva A.K.	Sausakova S.B., Imashpayev D.M. Turgambayeva A.K.	Certificate of authorship № 31089	The method of prognostication of detection of chronic viral hepatitis "B"	RSE on REM "National Institute of Intellectual Property"	14.02.2022				1				3
TOTAL									5	77			0	207