

Approved by the NRFU Scientific Council,  
Protocol No.22 of July 2, 2024

Approved by the Call Commission 'Excellent Science in Ukraine',  
Protocol No. 20 of July 2, 2024

**Call title 'Excellent Science in Ukraine'**

**List of projects recommended for implementation at the expense of grant support of the NRFU with an indication of the recommended amount of project financing by year and the priority direction of the development of research and technology**

No.	Application ID	Applicant's full name	Organization	Project title	Amount of financing				The priority direction of the development of science and technology (A. 3 of the Law "On the priority directions of the development of science and technology")	Average rating
					I year	II year	III year	Total		
1	2023.03/0101	Moiseyenko Volodymyr Yevgenovych	National Science Center Kharkov Institute of Physics and Technology	Critical issues for stellarators as fusion machines	2000000	4000000	3500000	9500000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and	99

									political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	
2	2023.03/0120	Filonenko Valeriy Viktorovych	Institute of molecular biology and genetics NAS of Ukraine	Elucidation of the functional relationships between isoforms of estrogen receptor ER $\alpha$ and isoforms of ribosomal protein S6 kinase (S6K1) in human breast carcinoma cells	1971555	3988797	3467307	9427659	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	98,9
3	2023.03/0149	Hnatyk Bohdan Ivanovych	TARAS SHEVCHENKO NATIONAL	Search for physics beyond the Standard Model in terrestrial	1280996	2504100	2674172	6459268	Fundamental scientific research on the most important	98,4

			UNIVERSITY of KYIV	laboratories and in astronomical objects					issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	
4	2023.03/0097	Zolotaryuk Yaroslav Oleksandrovyh	Bogolyubov Institute for Theoretical Physics	Electronic and transport properties of Dirac materials and Josephson junctions	1620000	3880000	3500000	9000000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of	98,3

									society and the state	
5	2023.03/0132	Morozovska Anna Nikolaevna	Institute of Physics of National Academy of Sciences of Ukraine	Manyfold-degenerated metastable states of spontaneous polarization in nanoferroics: theory, experiment and perspectives for digital nanoelectronics.	1999815	3999470	3499998	9499283	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	98,2
6	2023.03/0068	Kuzmina Tetiana Anatoliivna	I. I. Schmalhausen Institute of Zoology NAS of Ukraine	Parasites and the Sixth Extinction: a study of the state of parasites communities and populations of the model groups of animals under the current crisis of biodiversity	1403742	3697523	2897523	7998788	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human	98,1

									potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	
7	2023.03/0072	Negrutskii Boris Sergijovych	Institute of Molecular Biology and Genetics	Highly homologous paralogs of translation elongation factor 1A. Structural studies to understand functional differences	2000000	4000000	3500000	9500000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	98,1
8	2023.03/0169	Veklych Anatolii Mykolayovych	Taras Shevchenko National University of Kyiv	Peculiarities of physical processes in the plasma of gas discharges during its interaction with the	2000000	3900000	3200000	9100000	Fundamental scientific research on the most important issues in the development of	97,9

				novel composite materials					scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	
9	2023.03/0165	Lev Bohdan Ivanovich	Bogolyubov Institute for Theoretical Physics NAS Ukraine	Quantum correlations of electromagnetic radiation	1888320	3982394	3476641	9347355	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	97,5

10	2023.03/0156	Gudkov Dmitri Igorevich	Institute of Hydrobiology of the NAS of Ukraine	Physiological-biochemical, haematological and reproductive mechanisms of adaptation of fish in conditions of long-term radionuclide contamination of water bodies	1981765	3767970	3370072	9119807	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	97,3
11	2023.03/0041	Strizhak Peter Evgenovich	L.V.Pisarzhetskii Institute of physical chemistry of NAS of Ukraine	New approaches to the kinetics of a heterogeneous catalytic process	2000000	4000000	3500000	9500000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness	97,1

									of Ukraine in the world and sustainable development of society and the state	
12	2023.03/0073	Sotnikov Andrii Gennadijovych	National Science Center "Kharkiv Institute of Physics and Technology"	Novel theoretical approaches for the in-depth description of correlated quantum many-body systems	1810382	4000000	3500000	9310382	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	96,8
13	2023.03/0053	Loboda Petro Ivanovych	National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"	Scientific basis of synthesis of metal-ceramic composites based on high-entropy alloys by severe plastic deformation during explosion treatment	2000000	4000000	3500000	9500000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic,	96,6



									social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	
14	2023.03/0176	Slivka (Slyvka) Mikhailo (Mykhailo) Vasyliovych	Uzhhorod national university	Strategy for the direct synthesis of functional chalcogen-halide materials for medicine and energy needs	2000000	4000000	3500000	9500000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	96,3

15	2023.03/0035	Fedorovych/Fedorovich Dariya Vasylivna	Institute of cell biology	The new genes involved in regulation of riboflavin synthesis in the flavinogenic yeast <i>Candida famata</i> and mechanisms of their action	2000000	4000000	3500000	9500000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	96,3
16	2023.03/0222	Veliky Mykola M.	Palladin Institute of Biochemistry	Involvement of cholecalciferol and osteocalcin signaling pathways in the functioning of the cholinergic system of the brain in experimental vitamin D3 deficiency	2000000	3500000	3300000	8800000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness	96,1

									of Ukraine in the world and sustainable development of society and the state	
17	2023.03/0059	Iksanov Oleksandr M.	Taras Shevchenko National University of Kyiv	Contribution to modern theory of random series	689970	1446465	1538104	3674539	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	95,9

18	2023.03/0198	Zagorodnyuk Andriy Vasyl'ovych	Vasyl Stefanyk Precarpathian National University	Analysis of the spectra of countably generated algebras of symmetric polynomials and possible applications in quantum mechanics and computer science	1069491	2149711	2142646	5361848	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	95,7
19	2023.03/0175	Yarmoluk Sergiy Mykolayovych	Institute of Molecular Biology and Genetics	Investigation of Mycobacterium tuberculosis leucyl- tRNA synthetase structural features for rational drug design	2000000	4000000	3500000	9500000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness	95,6

									of Ukraine in the world and sustainable development of society and the state	
20	2023.03/0245	Skrypkina Inessa Yakivna	Institute of molecular biology and genetics	A comprehensive study of 3D model systems to elucidate the mechanisms of CHI3L1 isoforms influence on glioblastoma progression	1999971	3999520	3499960	9499451	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	95,5
21	2023.03/0127	Eugene Eliseev Anatoliyovych	Frantsevich Institute for Problems in Materials Science	Silicon-compatible ferroelectric nanocomposites for electronics and sensors	1095651	3851974	2713359	7660984	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic,	95,4

									social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	
22	2023.03/0033	Stakhira Pavlo Yosypovych	Lviv Polytechnic National University	Low-dimensional structures for enhancing the luminescence quantum yield in highly efficient phosphorescent light-emitting devices	908000	2630000	2542000	6080000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	95,4

23	2023.03/0093	Kobyakova Iryna Karpivna	Sumy State University	Innovative technologies of the mass consciousness manipulation: a polyparadigmatic linguistic dimension	1594167	2928535	3132456	7655158	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	95,3
24	2023.03/0213	Kobychev Vladislav Valerievich	Institute for Nuclear Research of the National Academy of Sciences of Ukraine	Neutrino properties and rare nuclear decays	1999233	3998339	3499687	9497259	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness	95,1

									of Ukraine in the world and sustainable development of society and the state	
25	2023.03/0074	Kapustyan Oleksiy Volodymyrovych	Taras Shevchenko national university of Kyiv	Infinite-dimensional evolutionary equations with multivalued and stochastic dynamics	695622	1447648	1523799	3667069	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	95,1
26	2023.03/0174	Dubolazov Alexander Volodymirovich	Yuriy Fedkovich Chernivtsi National University	Development of the newest methods and systems of polarization Stokes fluorometry for laser spectral-selective autofluorescent	1681853	3047653	3074689	7804195	Fundamental scientific research on the most important issues in the development of scientific and technical, social	95



				detector of wound regeneration					and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	
27	2023.03/0083	Roshal Oleksandr Davydovych	V.N. Karazin Kharkiv National University	Functionalized fluorescent organogels for detection, accumulation and monitoring of radionuclides and ecotoxic metals	1000000	3955000	2250000	7205000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	94,9

28	2023.03/0197	Chumachenko Dmytro Ihorovych	National Aerospace University "Kharkiv Aviation Institute"	Multidisciplinary study of the impact of emergency situations on the infectious diseases spreading to support management decision-making in the field of population biosafety	1759383	3681880	3419495	8860758	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	94,8
29	2023.03/0013	Gomonnai Alexander Vasyliovych	Institute of Electron Physics	Physical and chemical aspects of formation of low-dimensional structures in Ag-As-Sb-S system for functional electronics	1019600	2996000	2769646	6785246	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness	94,7

									of Ukraine in the world and sustainable development of society and the state	
30	2023.03/0109	Strutynska Nataliia Yuriiivna	Taras Shevchenko National University of Kyiv	Design of composite biomaterials with special properties for medical application	569406	1050983	1051932	2672321	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	94,6
31	2023.03/0192	Kharlamova Ganna O.	Taras Shevchenko National University of Kyiv	Theoretical foundations for harmonising the editorial practices of Ukrainian academic publishing with international standards to enable	1217409	2544002	2518104	6279515	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic,	94,5

				Ukraine to compete in European open science					social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	
32	2023.03/0012	Krivchikov Alexander Ivanovich	B.Verkin Institute for Low Temperature Physics and Engineering National Academy of Sciences of Ukraine	Low-temperature quantum nanoscale effects in the thermal properties of compacted carbon materials and their composites	1875305	3792700	3409290	9077295	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	94,4

33	2023.03/0201	Kozlovskii Mykhailo Pavlovych	Institute for Condensed Matter Physics of NAS of Ukraine	Analysis and prediction of physical properties of simple substances based on a generalized cell model of many-particle systems	1536690	3096947	3096743	7730380	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	94,2
34	2023.03/0050	Seminko Vladyslav Viktorovich	Institute for Scintillation Materials	Redox-active complexes based on oxide nanoparticles and organic biologically active molecules for non-toxic chemotherapy	1951294	3935015	3459815	9346124	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness	93,7

									of Ukraine in the world and sustainable development of society and the state	
35	2023.03/0007	Stanislavsky Aleksander Aleksandrovich	Institute of Radio Astronomy	Thermal free-free absorption in supernova remnants at radio emission frequencies below 80 MHz	1568944	3402840	3402840	8374624	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	93,7
36	2023.03/0186	Yukhymchuk Volodymyr Olexandrovych	V. Lashkaryov Institute of Semiconductor Physics	Deformation engineering of the electronic structure of GeSn thin films for new generation IR optoelectronics	1986906	3995835	3497715	9480456	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic,	93,5

									social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	
37	2023.03/0207	Dydyk-Meush Hanna Mykhailo	I. Krypiakevych Institute of Ukrainian Studies of the NAS of Ukraine	Historical memory of Ukrainians in the conditions of war: from confrontation to consolidation	1230638	2760576	2940730	6931944	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	93,4

38	2023.03/0225	Volochnyuk Dmitriy M	Institute of Organic Chemistry of National Academy of Sciences of Ukraine	Flow chemistry as an advanced approach for scale up of hazardous processes	1998316	3997083	3365978	9361377	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	93,3
39	2023.03/0139	Shcherban Nataliya Dmytrivna	L.V. Pisarzhevsky Institute of Physical Chemistry NAS of Ukraine	Creation of new bifunctional zeolite catalysts for one-pot cascade processes of conversion of platform molecules from biomass into fuels and industrially valuable organic compounds	1500000	4000000	2000000	7500000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness	92,7



									of Ukraine in the world and sustainable development of society and the state	
40	2023.03/0048	Parkhomenko Oleksandr Mykolaiovych	State Institution "National Scientific Center the M.D. Strazhesko Institute of Cardiology, Clinical and Regenerative Medicine of the National Academy of Medical Sciences of Ukraine"	Development of personalized criteria for assessing high cardiovascular risk based on markers of cellular senescence	2000000	4000000	3460000	9460000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	92,7

41	2023.03/0182	Sotnikov Gennadiy Vasil'jovich	National Science Center "Kharkiv Institute of Physics and Technology"	Elaboration of high-gradient accelerators of charged particles based on the excitation of intense electromagnetic fields in plasma and dielectric structures by high-current electron bunches or a powerful laser pulse	1999923	3999990	3499933	9499846	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	92,6
42	2023.03/0178	Dontsovs Tetiana Anatoliivna	National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"	Scientific basis for the synthesis of advanced ceramic membranes using 3D printing technologies	1999459	3999816	3499656	9498931	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness	92,5

									of Ukraine in the world and sustainable development of society and the state	
43	2023.03/0063	DERZHKO OLEG VOLODYMYROVYCH	Institute for Condensed Matter Physics	Frustrated quantum magnets under various external conditions	1666677	3757414	3237834	8661925	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	92,2
44	2023.03/0181	Krishtal Oleg Oleksandrovych	Bogomoletz Institute of Physiology	Cross-talk between GABAARs and ASICs as a novel target for stress- induced insomnia	1998810	3999810	3499844	9498464	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic,	92,1

									social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	
45	2023.03/0021	Maderych Volodymyr Stanislavovych	INSTITUTE OF MATHEMATICAL MACHINES AND SYSTEMS PROBLEMS OF NATIONAL ACADEMY OF SCIENCE OF UKRAINE	Dynamics of radioactive contamination of the marine environment: research, analysis and forecasting with data assimilation	1947116	3603728	3457080	9007924	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	92,1

46	2023.03/0252	Lishchuk Pavlo Oleksandrovych	Taras Shevchenko National University of Kyiv	Development of principles for the creation and machine-oriented characterization of porous silicon nanostructures with optimal heat transport properties	1461773	2849700	2961094	7272567	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	91,7
47	2023.03/0098	Novosyadlyj Bohdan Stepanovych	Ivan Franko National University of Lviv	Tomography of the Dark Ages and Cosmic Dawn in the lines of hydrogen and the first molecules as a test of cosmological models	1999843	3936822	3495365	9432030	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness	91,7

									of Ukraine in the world and sustainable development of society and the state	
48	2023.03/0250	Ryabukhin Sergey V	Taras Shevchenko National University of Kyiv	Unconventional cage compounds as new advanced platform for drug discovery	1999846	3998079	3499959	9497884	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	91,5
49	2023.03/0242	Karbivskyy Volodymyr Leonidovich	G. V. Kurdyumov Institute for Metal Physics	Apatite-like structures as a promising family of superconducting materials	2000000	4000000	3500000	9500000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic,	91,5

									social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	
50	2023.03/0131	Plankovskyy Sergiy I.	O.M.Beketov National University of Urban Economy in Kharkiv	Methodology for the creation of digital twins supported by artificial intelligence for the tasks of managing and monitoring the critical infrastructure of cities	1999955	3999927	3499928	9499810	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	91,3
51	2023.03/0099	Holovatch Yuriy Vasylovych	Institute for Condensed Matter Physics	Criticality of complex systems: fundamental	1718010	3688423	3444446	8850879	Fundamental scientific research on the	91,1

				aspects and applications					most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	
52	2023.03/0160	Kovalevska Larysa M	RE Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology NAS of Ukraine	Activation of signaling cascades for the elimination of transformed B cells in chronic lymphocytic leukemia	2000000	3500000	3000000	8500000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable	90,9



									development of society and the state	
53	2023.03/0244	Mishchenko Lidiya Trohymivna	Taras Shevchenko National Univeristy of Kyiv	Mechanisms controlling resilience of economically important crops to viral diseases under war conditions and global warming	1417745	2023239	2025237	5466221	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	90,7
54	2023.03/0187	Hupalo Vira Deonizivna	I. Krypiakevych Institute of Ukrainian Studies of the NAS of Ukraine	Between East and West: the funeral culture of Western Ukraine from the 11th to the 18th century. Interdisciplinary analysis	1713489	3932825	3079776	8726090	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic,	90,7

									social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	
55	2023.03/0188	Vavilova Iryna Borysivna	Main Astronomical Observatory	The Milky Way galaxies-analogues	2000000	4000000	3499919	9499919	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	90,3

56	2023.03/0036	Krisanova Natalia Valeriivna	Palladin Institute of Biochemistry NAS of Ukraine	Functionalised carbon-based nanomaterials obtained by "green methods" from Ukrainian agricultural waste to combat multilevel neurotoxicity induced by xenobiotic/essential transition metals and arsenic	2000000	4000000	3500000	9500000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	90,3
57	2023.03/0243	Pud Oleksandr (Alexander) Arkadijovych	V.P. Kukhar Institute of Bioorganic Chemistry and Petrochemistry of the National Academy of Sciences of Ukraine	Specific interactions and control of properties of conducting conjugated polymer nanocomposites for sensing applications	1793819	3227246	3106846	8127911	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness	90,2

									of Ukraine in the world and sustainable development of society and the state	
58	2023.03/0104	Finiuk Nataliya Stepanivna	Institute of Cell Biology of the National Academy of Sciences of Ukraine	Molecular design, synthesis and preclinical testing of new thiazole and thiazolidine derivatives with selective action on cells of myeloproliferative neoplasms	1965789	3992176	3499272	9457237	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	90,2
59	2023.03/0060	Kondratenko Serhiy Viktorovich	Taras Shevchenko National University of Kyiv	Generation and recombination of non-equilibrium charge carriers in GeSn alloys	1999327	3998974	3498807	9497108	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic,	90,1

									social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	
60	2023.03/0255	Mikhlin Yuriy V.	National Technical University "Kharkiv Polytechnic Institute"	Vibration protection of devices, equipment, cargo and people from dynamic influences in emergency conditions based on the study of nonlinear oscillations of complex structure systems with controlled and passive elements	1293190	3726096	3048631	8067917	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	89,9

61	2023.03/0193	Matzui Ludmila Yuriiivna	Taras Shevchenko National University of Kyiv.	Scientific principles of creating percolation polymer metamaterials with negative permittivity and magnetic permeability	2000000	4000000	3500000	9500000	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness of Ukraine in the world and sustainable development of society and the state	89,7
62	2023.03/0002	Kochubei Anatoly Naumovich	Institute of Mathematics, National Academy of Sciences of Ukraine	Pseudo-Differential Equations over Non-Archimedean Fields	631350	1262700	1262700	3156750	Fundamental scientific research on the most important issues in the development of scientific and technical, social and economic, social and political, and human potential to ensure the competitiveness	89,7

									of Ukraine in the world and sustainable development of society and the state	
<b>Total:</b>					104510545	217425925	192311028	514247498		