

Call title: 'Infrastructures for advanced research'

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 including mandatory taxes and fees, thousands of euros/hryvnias | | | | 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 |
|-----|----------------|--------------------------------|--|---|---|------------|------------|------------|---|----------------|
| | | | | | 2024 | 2025 | 2026 | Total | | |
| 1. | 2023.05/0022 | Dzhagan Volodymyr Mykolayovych | V. Lashkaryov Institute of Semiconductor Physics | Creation of the State key laboratory "Centre of critical optoelectronic micro-/nano-technologies and expertise" | 5 000 000 | 15 000 000 | 10 000 000 | 30 000 000 | 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; new substances and materials. | 96.9 |
| 2. | 2023.05/0021 | Lesyk Roman Bogdanovych | Danylo Halytsky Lviv National Medical University | Building the research infrastructure of the drug design ecosystem | 4 920 860 | 14 988 759 | 9 897 983 | 29 807 602 | life sciences, new technology for the prevention and treatment of the most common diseases | 90.9 |

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|----|--------------|---------------------------------|---|---|-----------|------------|-----------|------------|--|------|
| 3. | 2023.05/0009 | Demchenko Valeriy Leonidovich | E.O.Paton Electric Welding Institute | Development of biopolymer nanocomposite materials to stimulate the regeneration of living tissues and wound healing | 4 949 329 | 10 289 174 | 6 570 701 | 21 809 204 | 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; new substances and materials | 90.4 |
| 4. | 2023.05/0015 | Samaryk Volodymyr Yaroslavovych | LVIV POLYTECHNIC NATIONAL UNIVERSITY | Development of hydrogel means for emergency treatment of penetrating abdominal wounds within the framework of the creation of the Center for Research on New Polymeric Materials for Medicine | 4 775 171 | 11 200 081 | 9 335 336 | 25 310 588 | life sciences, new technology for the prevention and treatment of the most common diseases | 89.7 |
| 5. | 2023.05/0003 | Chebanov Valentyn Anatolijovych | State Scientific Institution "Institute for Single Crystals" NAS of Ukraine | Development of new materials based on supramolecular systems for biomedical and veterinary applications | 4 999 920 | 14 999 916 | 9 999 903 | 29 999 739 | 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; new substances and materials | 89 |

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|----|--------------|-----------------------------------|---|---|-----------|------------|------------|------------|---|------|
| 6. | 2023.05/0007 | Turkevych Volodymyr Zinoviiovich | V. Bakul Institute for Superhard Materials | Development of a collective use center of the V.Bakul Institute for Superhard materials of the National Academy of Sciences of Ukraine as a scientific and instrumental base for the creation of advanced superhard composite materials | 5 000 000 | 13 120 000 | 5 929 700 | 24 049 700 | 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; new substances and materials. | 89 |
| 7. | 2023.05/0026 | Blikharskyy Zinoviy Yaroslavovych | Lviv Polytechnic National University | Innovative complex approaches to the repairing of transport structures | 4 695 029 | 13 729 068 | 9 113 230 | 27 537 327 | new substances and materials; rational use of natural resources | 87.9 |
| 8. | 2023.05/0024 | Komarov Igor V. | Taras Shevchenko National University of Kyiv | Addressing Contemporary Issues in Chemistry, Biomedicine, Physics, and Materials Science Using High-Performance Computing and Machine Learning | 5 000 000 | 15 000 000 | 10 000 000 | 30 000 000 | 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; information and communication technologies | 87.9 |
| 9. | 2023.05/0023 | Skibo Galyna Grygorivna | Bogomoletz Institute of Physiology NAS of Ukraine | Biomedical Center for Innovative Research in Neuroscience | 5 000 000 | 15 000 000 | 10 000 000 | 30 000 000 | life sciences, new technology for the prevention and treatment of the most common diseases | 86.7 |

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|--------|--------------|-------------------------|---|--|------------|-------------|------------|-------------|---|------|
| 10 | 2023.05/0019 | Bryk Taras Mykhaylovych | Institute for Condensed Matter Physics of the National Academy of Sciences of Ukraine | Interdisciplinary Center for Computer Simulations: creation, basic research, teaching and sustainability | 4 896 529 | 10 031 790 | 9 756 090 | 24 684 409 | 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; information and communication technologies | 86.3 |
| Total: | | | | | 49 236 838 | 133 358 788 | 90 602 943 | 273 198 569 | | |