

**LIST OF JOINT UKRAINIAN-LATVIAN RESEARCH PROJECTS
APPROVED FOR FUNDING FOR THE YEARS 2025-2026**

No	Title of the project	Latvian Partner	Principal Investigator, LV	Ukrainian Partner	Principal Investigator, UA
1.	Complete genome sequencing and analysis of bacteriophages isolated in Ukraine as a crucial step towards realizing their therapeutic potential	Latvian Biomedical Research And Study Centre	Nikita Zrelavs	Educational and Scientific Centre «Institute of Biology and Medicine», Taras Shevchenko National University of Kyiv	Alla Kharina
2.	Study of indium and tin long-lived nuclear isomers via photonuclear reactions	Institute of Solid State Physics of University of Latvia	Daina Riekstiņa	National Science Center «Kharkiv Institute of Physics and Technology» of National Academy of Sciences of Ukraine	Anastasiia Chekhovska
3.	Synthesis and investigation of new optical materials for emerging applications	Institute of Solid State Physics of University of Latvia	Jeļena Butikova	Lviv Polytechnic National University	Halyna Klym
4.	Controllable formation of TiO ₂ nanolayer on Ti substrate heterostructure by laser radiation for space applications	Riga Technical University	Arturs Medvids	V.Ye. Lashkaryov Institute of Semiconductor Physics of National Academy of Sciences of Ukraine	Iurii Nasieka
5.	Genetic characterization of high-risk human papillomaviruses in Ukraine and Latvia to inform national policy of cervical cancer prevention	Riga Stradiņš University	Maria Issagouliantis	R.E. Kavetsky Institute of experimental pathology, oncology and radiobiology (IEPOR) of National Academy of Sciences (NAS) of Ukraine	Elena Kashuba
6.	Assessment of the Impact of radio-contamination on perch and roach genomes based on sensitive genetic markers	University of Latvia	Dalius Butkauskas	Institute of Hydrobiology of the National Academy of Sciences of Ukraine	Dmitri Gudkov

7.	Development of a methodology for health monitoring and diagnosis of local damage in composite structural elements using smart materials	Riga Technical University	Andrejs Kovaļovs	G.S. Pisarenko Institute for Problems of Strength of the National Academy of Sciences of Ukraine	Oleh Derkach
8.	War Through the Lens of New Media: Documentation Methods and Challenges in the Post-Digital Era	Latvian Academy of Culture	Maija Spuriņa	Kharkiv State Academy of Culture	Yuliia Kovalenko
9.	Enhancing Energy Efficiency through the Development of Innovative Technology for Producing Heating Pellets from FireRetardant-Free Textile Waste Integrated into Bio	Riga Technical University	Inga Ļašenko	E.O.Paton Electric Welding Institute of the National Academy of Sciences of Ukraine	Maksym Iurzhenko
10.	Development of artificial intelligent systems for early biomarker detection in spine imaging with a focus on evaluating structural changes in osteoporotic vertebral bodies, including potential applications for waraffected individuals	Riga Stradiņš University	Ardis Platkājis	National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”	Olena Chumachenko
11.	Development of technology for phytoremediation of soils contaminated by military operations, using an innovative sorbent from lignite of Ukraine	The institute of Agricultural Resources and Economics	Līviņa Zariņa	Kharkiv Polytechnic Institute	Denys Miroshnychenko

The reserve research project

12.	Development of an open-source tool to support energy communities with electric vehicles and battery energy storage	Riga Technical University	Anna Mutule	Sumy State University	Illia Diahovchenko
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