

# STCU Funding Table 41st Governing Board - Via Written Procedure



| #    | Country Code | City     | Full Title   | Leading Institution  | Requested Funds | USA (US \$) | European Union (EURO) | Other (US \$) | Total Funding (US \$) | Total Funding (US \$ + EURO) | Comments     |
|------|--------------|----------|--|--|-----------------|-------------|-----------------------|---------------|-----------------------|------------------------------|--------------|
| 6097 | MD           | Chisinau | Biological, chemical and biotechnological researches of <i>Carthamus spp.</i> plants                             | Institute of Genetics and Plant Physiology                           | \$50,000        |             |                       |               |                       |                              | US:1<br>EU:1 |
| 6098 | MD           | Chisinau | Design&development of diffractive optical elements based on azopolymers for application in biophotonics          | Institute of Applied Physics   | \$50,000        |             |                       |               |                       |                              | US:1<br>EU:1 |
| 6100 | MD           | Chisinau | HPC implementations of unconventional computing solutions for problems of medical imaging                        | Institute of Mathematics and Computer Science                        | \$49,210        |             |                       |               |                       |                              | US:1<br>EU:1 |
| 6101 | MD           | Chisinau | Electrochemical and computational reconsideration of the vitamin B12 enzyme activity                             | Institute of Chemistry of ASM  | \$50,000        |             |                       |               |                       |                              | US:1<br>EU:1 |
| 6102 | MD           | Chisinau | Sustainable energy development - elaboration of the main components for the transient period                     | Institute of Applied Physics   | \$50,000        |             |                       |               |                       |                              | US:1<br>EU:1 |
| 6103 | MD           | Chisinau | Synthesis and study of layered semiconductor nanostructures by electrochemistry-assisted                         | Institute of Applied Physics   | \$50,000        |             |                       |               |                       |                              | US:1<br>EU:1 |
| 6107 | MD           | Chisinau | Synthesis of new biologically active terpenoids based on agricultural wastes                                     | Institute of Chemistry   | \$49,992        |             |                       |               |                       |                              | US:1<br>EU:1 |
| 6108 | MD           | Chisinau | Information system for gender audit of enterprises   | National Institute for Economic Research                             | \$49,978        |             |                       |               |                       |                              | US:1<br>EU:1 |
| 6110 | MD           | Chisinau | Modeling of Back-to-Back AC Link for interconnection of asynchronous power                                       | Institute of Power Engineering of the Academy of Sciences of Moldova | \$49,954        |             |                       |               |                       |                              | US:1<br>EU:1 |
| 6111 | MD           | Chisinau | Holographic and electron beam recording of diffractive structures in chalcogenide thin films                     | Institute of Applied Physics   | \$49,868        |             |                       |               |                       |                              | US:1<br>EU:1 |
| 6112 | MD           | Chisinau | Health self-assessment informational tools for individuals predisposed to preventable strokes                    | Institute of Mathematics and Computer Science                        | \$49,994        |             |                       |               |                       |                              | US:1<br>EU:1 |
| 6114 | MD           | Chisinau | Adapting technological process and equipment of solid biofuels production based on the physico-chemical modeling | Institute of Agricultural Technique "Mecagro"                        | \$50,116        |             |                       |               |                       |                              | US:1<br>EU:1 |
| 6117 | MD           | Chisinau | Nanocomposite Polymer/Organic Compounds with Rare Earth Ions for Photovoltaic                                    | Institute of Applied Physics   | \$50,000        |             |                       |               |                       |                              | US:1<br>EU:1 |

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| 6118 | MD           | Chisinau | Transition metal complexes with functionalized (thio)semicarbazone ligands as catalysts for oxidation of  | Institute of Chemistry   | \$49,974        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6119 | MD           | Chisinau | Electromagnetic stimulation of biological objects in chaotic regime experiment  | Gitsu D.V. Institute of Electronic Engineering and Nanotechnologies  | \$50,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6121 | MD           | Chisinau | Tuberculosis in Household Contacts in Republic of Moldova   | Institute of Phthisiopneumology "Chiril Draganiuc"                   | \$50,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6122 | MD           | Chisinau | Phonon engineered heat management in graphene-based materials for nanoelectronics and thermal   | State University of Moldova  | \$50,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6123 | MD           | Chisinau | Electronic transformer for individual distribution of electricity   | Institute of Power Engineering of the Academy of Sciences of Moldova | \$49,954        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6124 | MD           | Chisinau | Development of decision support system for apple orchards integrated pest management  | Institute of Genetics and Plant Physiology                           | \$47,665        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6127 | MD           | Chisinau | "Small to medium size wind turbines"  | Institute of Power Engineering of the Academy of Sciences of Moldova | \$49,991        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6128 | MD           | Chisinau | In vitro conservation and sustainable use of potato landrace in the Republic of Moldova   | Institute of Genetics, Physiology and Plant Protection               | \$49,964        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6129 | MD           | Chisinau | Biotechnology developing of the immune response correction to ionizing radiation action   | National Center of Public Health                                     | \$49,911        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6130 | MD           | Chisinau | QUANTIFYING OF THE RADON AND ITS DESCENDANTS CONCENTRATION IN VARIOUS TYPES OF HOUSING FROM URBAN'S AND RURAL MAJOR GEOGRAPHICAL REGIONS OF THE REPUBLIC OF | National Center of Public Health                                     | \$49,181        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6133 | MD           | Chisinau | Thermochromic VO2-based nanocomposite thin films for energy efficient windows   | Gitsu D.V. Institute of Electronic Engineering and Nanotechnologies  | \$49,230        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6134 | MD           | Chisinau | Pyrometrical temperature control system in metal casting processes  | Gitsu D.V. Institute of Electronic Engineering and Nanotechnologies  | \$50,000        |             |                       |               |                       |                              | US:1<br>EU:1        |

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| 6156 | AZ           | Baku                 | Strengthening sustainable use of plant genetic resources by integral use of information and genomic                            | Institute of Genetic Resources (ANAS)  | \$98,674        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6157 | AZ           | Baku                 | The possibilities of use of some biogenic compounds of metals as the   | Institute of Soil Science and Agro Chemistry   | \$50,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6158 | AZ           | Baku                 | Design of novel Topological Insulators based on the chalcogenides of some heavy metals   | Institute of Catalysis and Inorganic Chemistry   | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6159 | AZ           | Baku                 | The study of biological properties and purchase of a new hepatoprotectors contained of nanometal                               | A.I.Karaev Institute of Physiology   | \$50,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6160 | AZ           | Baku                 | "DEVELOPMENT OF PURIFICATION METHOD OF OIL-CONTAMINATED SOIL OF ABSHERON PENINSULA"  | Special Design Engineering Office on complex treatment of mineral raw materials  | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6161 | AZ           | Baku                 | INTEGRATED (GEOLOGICAL-GEOPHYSICAL, GEOCHEMICAL) RESEARCH AND AN ASSESSMENT OF THE PROSPECTS FOR OIL SHALE                     | Institute of Geology   | \$99,996        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6162 | AZ           | Baku                 | Investigations of energy transformations through the organic wastewater microorganisms into                                    | Institute of Microbiology  | \$97,926        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6163 | AZ           | Baku                 | Prospects of shale hydrocarbons of the Maykopian series of Azerbaijan  | Institute of Geology   | \$99,795        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6164 | UA           | Kyiv                 | Technology of simulation of super-density recording at nanoscale multilevel media  | Institute of Data Recording Problems   | \$99,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6165 | UA           | Kyiv                 | Information and technological support for greenhouse effect impact assessment on regional                                      | Scientific Centre for Aerospace Research of the Earth of Institute of Geological Sciences of National Academy of Sciences of Ukraine                                     | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6166 | UA           | Ніжин, Чернігівській | Development of information technologies for modeling, evaluation and forecasting impact of conflicts and proliferation threats | Educational-scientific complex "Institute for applied system analysis" of National Academy of Science of Ukraine and Ministry of Science and Higher Education of Ukraine | \$99,982        |             |                       |               |                       |                              | US:1<br>EU:1        |

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| 6168 | UA           | Kyiv    | Obtaining and characterization of luminescent cadmium sulfide nanoparticles  | Institute of Food Biotechnology and Genomics                                 | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6169 | UA           | Kyiv    | Complete set of bioactive ceramics for bone restoration -development and implementation into                             | I.M. Frantsevich Institute of Problems of Materials Science                  | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6170 | UA           | Kyiv    | New multifunctional nanostructured multiferroics based solid solutions with a giant magnetoelectric                      | I.M. Frantsevich Institute of Problems of Materials Science                  | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6171 | UA           | Kijiv   | Portable laser fluorimeter based on nanostructured MIP membranes for detection of aflatoxin ultralow concentrations      | Institute of Molecular Biology and Genetics                                  | \$99,906        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6172 | UA           | Kyiv    | Nanobioelectronic sensors based on semiconductor nanocrystals and nucleic acids for genetic and                          | V.E. Lashkaryov Institute of Semiconductor Physics                           | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6173 | UA           | Kyiv    | Ionic-plasma treatment of nano-structural materials to modify their functional properties                                | V. N. Bakul Institute for Superhard Materials                                | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6174 | UA           | Kijiv   | Functional nanostructured semiconductor glass-ceramics for TELECOM use modified by femtosecond                           | Institute of Physics, NAS of Ukraine   | \$99,818        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6175 | UA           | Kyiv    | Graphene-like materials and nanocomposites based thereon: mechanochemical preparation, structure, properties, functional | L.V. Pisarzhevsky Institute of Physical Chemistry                            | \$99,991        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6176 | UA           | Kyiv    | Transformation of magnetic properties of nanoscale iron oxides and hydroxides for optimization of iron-ore-              | M. P. Semenenko Institute of geochemistry, mineralogy and ore formation NASU | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6177 | UA           | Kijiv   | Application of functional nanomaterials for creation of biosensor conductometric devices for arginine                    | Institute of Molecular Biology and Genetics                                  | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6178 | UA           | Kharkiv | Activated carbon featuring specific surface area at least 2000 m <sup>2</sup> /g for medical and industrial applications | Gas Institute of NAS of Ukraine  | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |

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| 6179 | UA           | Kharkiv        | New generation of nanoemitters based on carbonyne  | G.V. Kurdyumov Institute for Metal Physics   | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6180 | UA           | Kyiv           | NEW BIO-FUNCTIONALIZED LUMINESCENT NANOCOMPOSITES AND EXPRESS METHODS FOR SELECTIVE RECOGNITION, LABELING, | Institute of Molecular Biology and Genetics of National Academy of Sciences of Ukraine | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6181 | UA           | XapkiB         | Development of nano-composite biomaterials for tissue engineering and nuclear medicine using high-         | National Science Center "Kharkiv Institute of Physics and Technology"                  | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6182 | UA           | Mykolaiv       | Design of Electric Discharge Technology for Multifunctional Carbon Nanomaterials Synthesis                 | Institute of Pulse Research and Engineering  | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6183 | UA           | Kharkiv        | Development of plasma surface modification techniques on the basis of combined arc plasma and              | National Science Center "Kharkiv Institute of Physics and Technology"                  | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6184 | UA           | Kharkiv        | Gamma-Radiation Detector Based on High-Pressure Xenon  | National Science Center "Kharkiv Institute of Physics and Technology"                  | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6185 | UA           | Kharkiv        | Investigation of biomarkers using SPR-biosensor for evaluation of tumor chemoresistance and                | R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology           | \$98,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6186 | UA           | Kijiv          | Investigation of bacterial aminoacyl-tRNA synthetases structural features and development of their         | Institute of Molecular Biology and Genetics  | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6187 | UA           | Kijiv          | Computer modeling of active site dynamics of Mycobacterium tuberculosis tyrosyl-tRNA synthetase and        | Institute of Molecular Biology and Genetics  | \$65,814        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6188 | UA           | Dnipropetrovsk | In silico metabolic modelling of the yeast Hansenula polymorpha for the improvement of xylose              | Institute of Cell Biology NAS of Ukraine   | \$100,000       |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6190 | GE           | Tbilisi        | Genetic Diversity among Georgian Endemic Wheats and Their Predecessors by Chloroplast DNA Nucleotide       | Agricultural University of Georgia   | \$70,000        |             |                       |               |                       |                              | US:1<br>EU:1        |

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| 6191 | GE           | Tbilisi | Electronic properties of nanograting layers   | Iliia Chavchavadze State University   | \$69,950        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6192 | GE           | Tbilisi | Strategies for microbial and enzymatic remediation of emerging organic pollutants                                 | Agricultural University of Georgia  | \$69,980        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6193 | GE           | Kutaisi | Study of nontraditional raw materials and fermentation microbiota for biotechnology of gluten-free bakery         | Akaki Tsereteli State University  | \$70,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6194 | GE           | Tbilisi | Stock assessment and parasitological study of anchovy in Black sea coast of Georgia                               | Iliia State University, Tbilisi, Georgia  | \$69,732        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6195 | GE           | Tbilisi | Logical gates for quantum computing induced from monodromy based on a three-level system                          | Georgian Technical University   | \$69,580        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6196 | GE           | Tbilisi | The Complex Protection of Vegetables from New Invasive Pest Insects in Greenhouses of Georgia                     | Agricultural University of Georgia, L. Kanchaveli Institute of Plant Protection | \$70,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6197 | GE           | Tbilisi | Realization of Real World Logic Gates for All Optical Computing   | Free University of Tbilisi  | \$70,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6198 | GE           | Tbilisi | Synthesis and Investigation of Advanced Nanosize Multiferoic Materials for Spintronics                            | Tbilisi State Medical University  | \$69,984        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6199 | GE           | Tbilisi | Plasma Reactor with Stationary, Stable Current and Variable Electric Arc Length for Nanotechnology                | Tbilisi I. Javakhishvili State University                                       | \$70,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6200 | GE           | Tbilisi | Ecological audit of oil contaminated sites, study of impact on health, development of prevention                  | St. Andrew First Called Georgian National University                            | \$69,952        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6202 | GE           | Tbilisi | Drug delivering nanocontainers from biodegradable poly(ester urea)s: preparation and in vitro and in vivo studies | Agricultural University of Georgia  | \$69,988        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6203 | GE           | Tbilisi | Intelligent Support System of Facility Optimal Location in Extreme and Uncertain Environment                      | Tbilisi I. Javakhishvili State University                                       | \$69,954        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6204 | GE           | Tbilisi | Development of new technologies for the growth of nanowires and fabrication of ultra-sensitive gas sensors        | Georgian Technical University, Institute of Cybernetics                         | \$69,900        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6205 | GE           | Tbilisi | Impact of pesticides on soil ecosystem functioning - effect on soil invertebrate                                  | Agricultural University of Georgia  | \$69,920        |             |                       |               |                       |                              | US:1<br>EU:1        |

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| 6206  | GE           | Tbilisi | Development of the Technology of Plant Biomass Anaerobic Conversion to Fuel Ethanol                                     | Agricultural University of Georgia, Durmishidze Institute of Biochemistry and Biotechnology | \$70,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6207  | GE           | Tbilisi | Investigation of luminescence blinking in   | Tbilisi I. Javakhishvili State University   | \$69,776        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6208  | GE           | Kutaisi | Investigation of Membrane Process of Producing Ethanol from Biomass for Manufacturing of High-Performance Pervaporation | Akaki Tsereteli State University  | \$70,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6209  | GE           | Tbilisi | Phage-based environmentally safe strategy for control of bacterial infections in cultured                               | G. Eliava Institute of Bacteriophage, microbiology and virology                             | \$70,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6210  | GE           | Tbilisi | Production and investigation of carbon nanoforms and their new nanocompositions doped with magnetic clusters            | Georgian Technical University   | \$70,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6211  | GE           | Tbilisi | Nanomolecular Study of Photoinduced Processes in DNA by Spectroscopic, Thermodynamic and Electrochemical Methods        | Tbilisi I. Javakhishvili State University   | \$69,931        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6212  | GE           | Tbilisi | Graphene structure containing hybrid ceramic composites based on  | I. Vekua Sukhumi Institute of Physics and Technology  | \$69,968        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6213  | GE           | Tbilisi | Production of magnetic nanofluids and study of their magnetic and hyperthermia properties                               | Tbilisi I. Javakhishvili State University   | \$70,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6214  | GE           | Tbilisi | Molecular detection of honeybee viruses in commercially managed honeybee colonies                                       | Georgian State Agriculture University   | \$69,424        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6215  | GE           | Tbilisi | Natural Food Additives for Healthy Foods  | Agricultural University of Georgia, Durmishidze Institute of Biochemistry and Biotechnology | \$70,000        |             |                       |               |                       |                              | US:1<br>EU:1        |
| 6216  | GE           | Tbilisi | Influence of municipal solid waste landfill on the environment and population health risk assessment                    | Tbilisi I. Javakhishvili State University   | \$69,996        |             |                       |               |                       |                              | US:1<br>EU:1        |
| <b>Subtotal Targeted R&amp;D Init. Projects Approved:</b> |              |         |   |   | \$7,021,293     | \$0         | € 0                   | \$0           | \$0                   |                              |                     |
| P003q1  | UA           | K \ L Y | Extension of the Pilot study on thyroid cancer in cleanup workers   | Research Center for Radiation Medicine  | \$31,500        | \$31,500    |                       |               | \$31,500              | \$ 31500                     | US:<br>EU:          |
| P004n   | UA           | K \ V   | Thyroid cancer and other thyroid disorders in Ukraine following the Chernobyl accident: the cohort maintenance          | Institute of Endocrinology and Metabolism   | \$38,514        | \$38,514    |                       |               | \$38,514              | \$ 38514                     | US:<br>EU:          |

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| P004q | UA           | Kijiv          | Thyroid cancer and other thyroid disorders in Ukraine following the Chernobyl accident: the cohort           | Institute of Endocrinology and Metabolism                                     | \$88,200        | \$88,200    |                       |               | \$88,200              | \$ 88200                     | US:<br>EU:          |
| P269g | UA           | Kharkiv        | Experimental Evaluation of a Two-Phase Mechanically Pumped Loop Prototype as a Thermal Control Mean          | (N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute" | € 39,371        |             | € 39,371              |               |                       | € 39371                      | US:<br>EU:          |
| P269h | UA           | Kharkiv        | Experimental Evaluation of a Two-Phase Mechanically Pumped Loop Prototype as a Thermal Control Mean          | (N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute" | € 19,572        |             | € 19,572              |               |                       | € 19572                      | US:<br>EU:          |
| P269i | UA           | Kharkiv        | Experimental Evaluation of a Two-Phase Mechanically Pumped Loop Prototype as a Thermal Control Mean          | (N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute" | € 419,803       |             | € 419,803             |               |                       | € 419803                     | US:<br>EU:          |
| P269k | UA           | Kharkiv        | Experimental Evaluation of a Two-Phase Mechanically Pumped Loop Prototype as a Thermal Control Mean          | (N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute" | € 42,004        |             | € 42,004              |               |                       | € 42004                      | US:<br>EU:          |
| P521a | UA           | Kharkiv        | Theoretical Modeling of Liquid Crystal Based Tunable Metamaterials   | Kyiv Taras Shevchenko University  | \$50,000        | \$50,000    |                       |               | \$50,000              | \$ 50000                     | US:<br>EU:          |
| P548  | UA           | Kharkiv        | Fluorescent Probes and Labels for Biomedical Applications  | State Scientific Institution "Institute for Single Crystals"                  | \$16,500        | \$16,500    |                       |               | \$16,500              | \$ 16500                     | US:<br>EU:          |
| P572a | UA           | Kharkiv        | Refinement of scintillator's quality by improvement of raw materials quality and growth                      | Amcrys Ltd.   | \$726,768       |             |                       | \$726,768     | \$726,768             | \$ 726768                    | US:<br>EU:          |
| P590b | UA           | Kijiv          | ADVANCED STATISTICAL TOOLS FOR MODELLING OF COMPOSITION AND PROCESSING PARAMETERS FOR ALLOY                  | Kyiv Taras Shevchenko University  | \$39,000        | \$39,000    |                       |               | \$39,000              | \$ 39000                     | US:<br>EU:          |
| P651  | UA           | Kharkiv        | Development of Meteorological Radars   | Institute of Radio Astronomy  | € 20,000        |             | € 20,000              |               |                       | € 20000                      | US:<br>EU:          |
| P652  | UA           | Kyiv           | Optical control of graphene plasmon using liquid crystal layer   | Kyiv Taras Shevchenko University  | \$29,000        | \$29,000    |                       |               | \$29,000              | \$ 29000                     | US:<br>EU:          |
| P653  | UA           | Dnipropetrovsk | SUPER LIGHT-WEIGHT THERMAL PROTECTION SYSTEM FOR SPACE APPLICATION (YUZHNOE)                                 | State Public Enterprise "M.K.Yangel Design Office "Pivdenne"                  | € 350,356       |             | € 350,356             |               |                       | € 350356                     | US:<br>EU:          |
| P657  | UA           | Dnipropetrovsk | Making and supplying natural abundance and B enriched Li <sup>2</sup> B <sup>4</sup> O <sup>7</sup> crystals | Institute of Physical Optics  | \$10,000        | \$10,000    |                       |               | \$10,000              | \$ 10000                     | US:<br>EU:          |

1. Review Incomplete
2. Review Complete - No willingness to fund
3. Rewrite / resubmit - see comments
4. Same as 3

5. Approved for funding. See comments
6. Proj. Dev Grant awarded
7. N/A
8. Review complete - to be considered at next GBM

# STCU Funding Table 41st Governing Board - Via Written Procedure



| #  | Country Code | City    | Full Title   | Leading Institution   | Requested Funds                          | USA (US \$) | European Union (EURO) | Other (US \$) | Total Funding (US \$) | Total Funding (US \$ + EURO)          | Comments Conditions |
|--|--------------|---------|--|---|--|-------------|-----------------------|---------------|-----------------------|---------------------------------------|---------------------|
| P660                                       | UA           | Kyiv    | Development of Equipment and Pilot Production Process for Synthesis of Materials by Selective Extraction             | Materials Research Center                                       | \$49,999                                 | \$49,999    |                       |               | \$49,999              | \$ 49999                              | US<br>EU            |
| P663                                       | AZ           | Baku    | Studies of natural foci of plague and tularemia<br>Development of modern sanitation complex in Azerbaijan            | Republican Anti-Plague Station                                  | € 250,000                                |             | € 250,000             |               |                       | € 250000                              | US<br>EU            |
| P664                                       | GE           | Tbilisi | Isolation and Detailed Characterization of Bacteriophages Lytic to Human Pathogenic Species Intrinsicly Resistant to | G. Eliava Institute of Bacteriophage, microbiology and virology | € 250,000                                |             | € 250,000             |               |                       | € 250000                              | US<br>EU            |
| <b>Subtotal Partner Projects Approved:</b> |              |         |  |   | \$1,079,481<br>€ 1,391,106               | \$352,713   | € 1,391,106           | \$726,768     | <b>\$1,079,481</b>    | <b>\$ 1079481</b><br><b>€ 1391106</b> |                     |
| <b>TOTAL:</b>                              |              |         |  |   | <b>\$1,079,481</b><br><b>€ 1,391,106</b> | \$352,713   | € 1,391,106           | \$726,768     | <b>\$1,079,481</b>    | <b>\$ 1079481</b><br><b>€ 1391106</b> |                     |

Status 4 - Comments

*Simon Limage* 11/29/16  
 Mr. S. Limage\*      Date  
 USA  
 Board Member

*M. Strikha* 22/02/16  
 Mr. M. Strikha\*      Date  
 Ukrainian  
 Board Member

*E. Maier* 08/12/15  
 Mr. E. Maier\*      Date  
 European Union  
 Board Member

\* Funding for selected projects is approved by the Governing Board, but subject to the availability of the funds by each Board member.

1. Review Incomplete
2. Review Complete - No willingness to fund
3. Rewrite / resubmit - see comments
4. Same as 3

5. Approved for funding. See comments
6. Proj. Dev Grant awarded
7. N/A
8. Review complete - to be considered at next GBM

# STCU Supplemental Budgets


## 41st Governing Board Meeting - Via Written Procedure



| #                                 | Full Title   | USA<br>(US \$)   | European<br>Union<br>(EURO) | Partner<br>(US \$) | Partner<br>(EURO) | Total Funding<br>(US \$) | Total Funding<br>(EURO) | Total Funding<br>(US \$ + EURO) |
|-----------------------------------|--|------------------|-----------------------------|--------------------|-------------------|--------------------------|-------------------------|---------------------------------|
| <b>Supplemental Budget:</b>       |  |                  |                             |                    |                   |                          |                         |                                 |
| <b>Activity:</b>                  |  |                  |                             |                    |                   |                          |                         |                                 |
| 01                                | Technical, Collaborator, and Contractor Travel Support | \$30,000         | €25,000                     | -                  | -                 | \$30,000                 | €25,000                 | \$ 30000<br>€25000              |
| 04                                | Business Training/Sustainability Support               | \$30,000         | -                           | -                  | -                 | \$30,000                 | -                       | \$ 30000<br>€-                  |
| 05                                | Patent Support   | \$10,000         | €9,000                      | -                  | -                 | \$10,000                 | €9,000                  | \$ 10000<br>€9000               |
| 06                                | Travel and Mobility Support                            | \$50,000         | €20,000                     | \$164,335          | -                 | \$214,335                | €20,000                 | \$ 214335<br>€20000             |
| 08                                | Expert Review and Advisors                             | -                | €20,000                     | -                  | -                 | -                        | €20,000                 | \$ -<br>€20000                  |
| 09                                | Seminars/Workshops Support                             | \$75,000         | €2,500                      | -                  | -                 | \$75,000                 | €2,500                  | \$ 75000<br>€2500               |
| 10                                | Service Contracts                                      | \$225,000        | €137,000                    | -                  | -                 | \$225,000                | €137,000                | \$ 225000<br>€137000            |
| 16                                | Partner Promotion & Support                            | -                | €100,000                    | -                  | -                 | -                        | €100,000                | \$ -<br>€100000                 |
| 17                                | Consulting Projects                                    | -                | -                           | -                  | €21,136           | -                        | €21,136                 | \$ -<br>€21136                  |
| <b>Total Supplemental Budget:</b> |  | <b>\$420,000</b> | <b>€313,500</b>             | <b>\$164,335</b>   | <b>€21,136</b>    | <b>\$584,335</b>         | <b>€334,636</b>         | <b>\$ 584335<br/>€334636</b>    |

Mr. S. Limage\*      Date  
USA  
Board Member

      22/02/16  
Mr. M. Strikha\*      Date  
Ukrainian  
Board Member

      08/12/15  
Mr. E. Maier\*      Date  
European Union  
Board Member

\* Commitment conditional upon availability of funds