

Annex 2
Slovenia - Serbia joint projects for period 2020-2021

| No | Name of Slovene Researcher | Institution in Slovenia | Name of Serbian Researcher | Institution in Serbia | Project Title | Financing in Serbia for 2020 EUR | Financing in Slovenia for 2020 EUR | Financing for Serbian young researchers in Slovenia for 2020 EUR | Financing in Serbia for 2021 EUR | Financing in Slovenia for 2021 EUR | Financing for Serbian young researchers in Slovenia in 2021 |
|----|----------------------------|---|----------------------------|--|--|----------------------------------|------------------------------------|--|----------------------------------|------------------------------------|---|
| 1 | Peter Dolnicar | Agricultural Institute of Slovenia | Ivana Dragičević | University of Belgrade-Faculty of Biology, Department of Plant Physiology, Studentski trg 16, 11000 Beograd | Screening of potato breeding clones suitable for cultivation in Slovenia and Serbia for resistance to pathogens, drought and heat stress | 1,000,00 | 1,000,00 | 1,600,00 | 1,000,00 | 1,000,00 | 1,600,00 |
| 2 | Aleksandra Golob | University of Ljubljana, Biotechnical Faculty | Marija Vidović | Department of Life sciences; Institute for Multidisciplinary Research, University of Belgrade, Kneza Viseslava 1, 11030 Belgrade | The usage of silicon fertilisation in order to mitigate the oxidative stress and to improve the resilience of barley subjected to UV and drought | 1,000,00 | 1,000,00 | - | 1,000,00 | 1,000,00 | - |
| 3 | Milha Ocvirk | Slovenian Institute of Hop Research and Brewing | Aleksandra Cvetanović | Faculty of Technology, University of Novi Sad, Bulevar vara lazara 1, Novi Sad | Green extraction techniques for obtaining high-value functional additives for beer production | 1,000,00 | 1,000,00 | - | 1,000,00 | 1,000,00 | - |
| 4 | Janez Kozel | Institute for the protection of Cultural Heritage of Slovenia | Nikola Unković | Faculty of Biology – University of Belgrade, Studentski trg 16, Belgrade | Novel biocides for cultural heritage of Southeast Europe – biocontrol and biomimetic systems for preservation of old masterpieces | 1,000,00 | 1,000,00 | 1,200,00 | 1,000,00 | 1,000,00 | 1,200,00 |
| 5 | Uroš Marušič | Science and Research Centre Koper | Nenad Stojilković | Faculty of Sport and Physical Education, University of Niš, Karađevića 109, 18000 Niš, Serbia | Neurocognitive performance and musculoskeletal injury risk: Application in sport and rehabilitation | 1,000,00 | 1,000,00 | - | 1,000,00 | 1,000,00 | - |
| 6 | Renato Podberšič | Study Centre for National Reconciliation | Bojan Dimitrijević | Institut za savremenu istoriju, Trg Nikole Pašica 11, Beograd, Srbija | Slovenia and Serbia in Yugoslavia 1945-1991: Life between repression and opposition | 1,000,00 | 1,000,00 | - | 1,000,00 | 1,000,00 | - |
| 7 | Dominika Vrbnjak | University of Maribor, Faculty of health sciences | Dragana Milutinović | Faculty of Medicine University Novi Sad, Hajduk Veljkova 3, Novi Sad | Testing of an international model of nurse job satisfaction | 1,000,00 | 1,000,00 | 700,00 | 1,000,00 | 1,000,00 | - |

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|----|----------------------------|--|----------------------------|--|---|----------------------------------|------------------------------------|--|----------------------------------|------------------------------------|---|
| 8 | Niko Tranik | University of Maribor, Faculty of natural sciences and mathematics | Slavko Radenković | Faculty of Science, University of Kragujevac, Radoja Domanovića 12, 34000 Kragujevac | Graph theoretical approaches to molecular nanostructures | 1,000,00 | 1,000,00 | | 1,000,00 | 1,000,00 | |
| 9 | Tina Klenovšek | University of Maribor, Faculty of natural sciences and mathematics | Vida Joljić | University of Belgrade, Institute for Biological Research "Siniša Stanković", Bulevar despotata Stefana 142, 11060 Belgrade | The role of phylogeny and ecology in structuring mandibular and cranial variation patterns in Apodemus (Muridae, Rodentia) species | 1,000,00 | 1,000,00 | 700,00 | 1,000,00 | 1,000,00 | 700,00 |
| 10 | Rok Podlipac | Jožef Stefan institute | dr. Aleksandar J. Krmpot | Institute of Physics, Photonics center, Pregrevica 118, Belgrade-Zemun | Hemoglobin-based nano-spectral non-linear imaging for future label-free medical diagnostics | 1,000,00 | 1,000,00 | 1,600,00 | 1,000,00 | 1,000,00 | 1,600,00 |
| 11 | Matej Huš | National Institute of Chemistry | Nikola Nikčević | Tehnološko-metalurški fakultet, Univerzitet u Beogradu, Karadjelova 4, Beograd | Adding value to biodiesel production – Intensified conversion of glycerol to hydrogen and value-added bio-additives | 1,000,00 | 1,000,00 | 1,200,00 | 1,000,00 | 1,000,00 | 1,200,00 |
| 12 | Maša Knez Hrnčič | University of Maribor, Faculty of Chemistry and Chemical Engineering | Jelena Vulić | Univerzitet u Novom Sadu, Tehnološki fakultet Novi Sad KATEDRA ZA PRIMENJENE INŽENJERSKE HEMIJE, Bul. cara Lazara 1, Novi Sad | Isolation and stabilization of betalains from natural sources | 1,000,00 | 1,000,00 | 700,00 | 1,000,00 | 1,000,00 | 700,00 |
| 13 | Gregor Princ | Jožef Stefan Institute | Jelena Potočnik | Institute of Nuclear Science Vinča, Atomic Physics Laboratory, University of Belgrade, Mike Petrovića Alasa 12-14, P.O.Box 5, 11001 Belgrade | Functionalization of Ti-based surfaces using energy beams and plasma for biomedical applications | 1,000,00 | 1,000,00 | 700,00 | 1,000,00 | 1,000,00 | 700,00 |
| 14 | Vladimir Meglič | Agricultural Institute of Slovenia | Ana Marjanović-Jaromela | Institute of Field and Vegetable Crops, Maksima Gorkeg 30, Novi Sad | Evaluation for reintroduction of forgotten and under-utilized crops from Brassica sp. and Lathyrus sp. | 1,000,00 | 1,000,00 | 700,00 | 1,000,00 | 1,000,00 | 700,00 |
| 15 | Robert Vaberič | University of Ljubljana, Biotechnical Faculty | Jasminka Miholjević | University of Belgrade, Faculty of Agriculture, Nemanjina 6, 11080 Belgrade | Optimization of highbush blueberry growing technology under both protected and field conditions in order to increase the content of bioactive components in the fruits as parameters of "functional food" | 1,000,00 | 1,000,00 | | 1,000,00 | 1,000,00 | |

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|----|----------------------------|--|----------------------------|--|--|----------------------------------|------------------------------------|--|----------------------------------|------------------------------------|---|
| 16 | Franč Štampar | University of Ljubljana, Biotechnical Faculty | Jelena Tomić | Fruit Research Institute, Kralja Petra 1, 9, Čačak | Phytochemical variability of autochthonous plum cultivars grown in different environmental conditions | 1.000,00 | 1.000,00 | | 1.000,00 | 1.000,00 | |
| 17 | Peter Dovč | University of Ljubljana, Biotechnical Faculty | Radomir Šavić | Faculty of Agriculture University of Belgrade, Nemanjina 6, Beograd - Zemun | Genomic approach to conservation of local farm animal genetic resource incidence, molecular diversity and impact of economically important and newly characterized viruses of Rubus species in Slovenia and Serbia | 1.000,00 | 1.000,00 | | 1.000,00 | 1.000,00 | |
| 18 | Irena Maverič Pleško | Agricultural Institute of Slovenia | Darko Jevremović | Institut za voštstvo, Kralja Petra 19, Čačak | Identification of nanobody derived peptidomimetics stabilizing the functional conformational state of the beta2 adrenergic receptor (β2AR) | 1.000,00 | 1.000,00 | | 1.000,00 | 1.000,00 | |
| 19 | Milka Vrecl Fazarić | University of Ljubljana, Veterinary Faculty | Milan Šenkanski | Institute of Nuclear Sciences Vinča, University of Belgrade, Mihaila Petrovića Alasa 12-14, Belgrade | Influence of the European Convention for the Protection of Human Rights and Fundamental Freedoms on the rule of law in Slovenia and Serbia | 1.000,00 | 1.000,00 | | 1.000,00 | 1.000,00 | |
| 20 | Jelena Letnar Čermit | New University, Faculty of Government and European Studies | Violeta Beširević | Union University Faculty of Law, Bulevar Marsala Tolbuhina 36, Beograd | Music as an instrument of cultural diplomacy of small transition states: the case of Slovenia and Serbia | 1.000,00 | 1.000,00 | 1.200,00 | 1.000,00 | 1.000,00 | 1.200,00 |
| 21 | Boštjan Udovič | University of Ljubljana, Faculty of Social Sciences | Vesna S. Peno | Srpska akademija znanosti in umetnosti, Institut za muzikologiju, Knez Mihailova 36/IV, Beograd, Srbija | The Challenge of Multireligious and Secular Modernity: Catholicism and Orthodoxy in Yugoslavia | 1.000,00 | 1.000,00 | 700,00 | 1.000,00 | 1.000,00 | 700,00 |
| 22 | Jure Ramšak | Science and Research Centre Koper | Radmila Radčić | Institut za noviju istoriju Srbije/Institute for the Recent History of Serbia, Trg Nikole Pašića 11, 11000 Beograd | | | | | | | |

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|----|----------------------------|---|----------------------------|--|---|----------------------------------|------------------------------------|--|----------------------------------|------------------------------------|---|
| 23 | Ana Hofman | Scientific Research Centre of Slovenian Academy of Sciences and Arts | Irena Fiket | Institut za filozofiju i društvenu teoriju, Kraljice Natalije 45, Beograd | Gender in academia: researching inequalities at the early career stages from comparative perspective | 1.000,00 | 1.000,00 | | 1.000,00 | 1.000,00 | |
| 24 | Lilijana Burcar | University of Ljubljana, Faculty of Arts | Tijana Trojin | Institut za književnost i umetnost/Institute for literature and arts, Kralja Milana 2, 11000 Beograd | Poverty and social justice through the lens of children's literature: building social awareness and critical literacy/sensitivity among the young | 1.000,00 | 1.000,00 | | 1.000,00 | 1.000,00 | |
| 25 | Dejan Cigale | University of Ljubljana, Faculty of Arts | Snežana Burdžić | University of Belgrade – Faculty of Geography, Studentski trg 3/III, 11000 Belgrade | Sustainable tourism development – practices and approaches in Serbia and Slovenia | 1.000,00 | 1.000,00 | 1.200,00 | 1.000,00 | 1.000,00 | 1.200,00 |
| 26 | Alja Videtič Paska | University of Ljubljana, Faculty of Medicine | Jelena Karanović | Univerza v Beogradu-Fakulteta za biologiju, Studentski trg 16, PO box 43, Beograd | Genetic predisposition of suicidal behavior | 1.000,00 | 1.000,00 | | 1.000,00 | 1.000,00 | 1.200,00 |
| 27 | Tomaz Urbic | University of Ljubljana, Faculty of Chemistry and Chemical Technology | Natalija B. Polovic | University of Belgrade – Faculty of Chemistry, Studentski trg 12-16, Belgrade | Functional amyloids for application in biotechnology | 1.000,00 | 1.000,00 | | 1.000,00 | 1.000,00 | |
| 28 | Darko Dimitrov | Faculty of Information Studies in Novo mesto | Dragan Stevanović | Mathematical Institute of the Serbian Academy of Sciences and Arts, Knez Mihajlova 36, p.b. 36, 11000 Belgrade | Modern trends in chemical graph theory | 1.000,00 | 1.000,00 | | 1.000,00 | 1.000,00 | |

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| 29 | Lurj Svete | University of Ljubljana, Faculty of Chemistry and Chemical Technology | Ivan Damjanović | Faculty of Science, University of Kragujevac, Radoja Domanovica 12, Kragujevac | Dual cooperative catalysis in [3+2] cycloadditions of azomethine imines | 1,000,00 | 1,000,00 | | 1,000,00 | 1,000,00 | |
| 30 | Irena Drevenšek Olenik | Jožef Stefan Institute | Nemanja P. TRIŠOVIĆ | Faculty of Technology and Metallurgy, University of Belgrade, Karnegejeva 4, Belgrade | Novel liquid crystalline materials for application in diffractive optical elements | 1,000,00 | 1,000,00 | | 1,000,00 | 1,000,00 | |
| 31 | Andrež Carni | Scientific Research Centre of Slovenian Academy of Sciences and Arts | Ružica Igić | Prirodno-matematički fakultet, Univerzitet u Novom Sadu, Trg Dostojaja Obradovića 2, 21 000 Novi Sad | Floristical and ecological characteristics of Robinia pseudoacacia and Acer negundo dominated communities on the southern edge of the Pannonian basin | 1,000,00 | 1,000,00 | | 1,000,00 | 1,000,00 | |
| 32 | Janko Marout | Institute of Mathematics, Physics and Mechanics | Dijana Mosić | University of Niš, Faculty of Sciences and Mathematics, Department of Mathematics, Višegradska 33, 18000 Niš | Generalized inverses, operator equations and applications | 1,000,00 | 1,000,00 | | 1,000,00 | 1,000,00 | |
| 33 | Maarten De Groot | Slovenian Forestry Institute | Arta Vujić | Faculty of Sciences, University of Novi Sad, Trg Dostojaja Obradovića 2, Novi Sad | Identifying conservation priorities for hoverfly species in Serbia and Slovenia | 1,000,00 | 1,000,00 | | 1,000,00 | 1,000,00 | |
| 34 | Anton Gradisek | Jožef Stefan Institute | Rastko Jovanović | Vinča Institute of Nuclear Sciences, Mike Petrovića Alasa 12-14, 11351 Vinča, Beograd | Impact of fireworks on air pollution in urban environments | 1,000,00 | 1,000,00 | 700,00 | 1,000,00 | 1,000,00 | 700,00 |
| 35 | Aleš Vaupetič | Institute of Mathematics, Physics and Mechanics | Borđe Baralić | Mathematical Institute SANU, Knez Mihailova 36, Beograd | Discrete Morse theory and its applications | 1,000,00 | 1,000,00 | 1,200,00 | 1,000,00 | 1,000,00 | 1,200,00 |
| 36 | Bolonica Trebše | University of Ljubljana, Faculty of Health Sciences | Aleksandra Šajnović | Institute of Chemistry, Technology and Metallurgy, Studentski trg 12-16, 11000 Belgrade | Geochemical approach in characterisation of therapeutical peblid mud from Serbian and Slovenian spas | 1,000,00 | 1,000,00 | 700,00 | 1,000,00 | 1,000,00 | |

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| 37 | Oliver Bajt | National Institute of Biology | Stojmir Kolarović | Center for Genotoxicology and Ecogenotoxicology, Faculty of Biology, University of Belgrade, Studentski trg 16, Belgrade | Induction of oxidative stress by microplastic particles with adsorbed hydrophobic organic pollutants in Mediterranean mussel (<i>Mytilus galloprovincialis</i>) | 1,000,00 | 1,000,00 | | 1,000,00 | 1,000,00 | |
| 38 | Miran Mozetič | Jožef Stefan Institute | Zoran Petrović | Institute of Physics, Pregrevka 118, 11080 Zemun | Low temperature plasma diagnostics and its applications for seed treatment | 1,000,00 | 1,000,00 | 700,00 | 1,000,00 | 1,000,00 | 700,00 |
| 39 | Marija Valant | University of Nova Gorica | Sandra Kurko | INSTITUT ZA NUKLEARNE NAUKE "VINČA, Mike Petrovića Alasa 12-24, Vinča, Beograd | Composites and Van der Waals Heterostructures of topological insulators and transition metal dichalcogenides as a new class of catalytic materials | 1,000,00 | 1,000,00 | 1,600,00 | 1,000,00 | 1,000,00 | 1,600,00 |
| 40 | Božidar Šarler | University of Ljubljana, Faculty of Mechanical Engineering | Milada Pezo | Institute of Nuclear Sciences Vinča, Mihaila Petrovića Alasa 12-24, 11351 Vinča, Belgrad | Development of Advanced Numerical Modelling Approaches of Multiphase Flows and Heat Transfer for Industrial Applications | 1,000,00 | 1,000,00 | 700,00 | 1,000,00 | 1,000,00 | 700,00 |
| 41 | Anton Kos | University of Ljubljana, Faculty of Electrical Engineering | Goran Nešić | Univerzitet u Beogradu, Fakultet sporta i fizickog vaspitanja, Blagaja Petrovića 156, 11030 Beograd | Sensor technologies as support systems for the detection and selection of talents in sport and monitoring the performance of athletes | 1,000,00 | 1,000,00 | | 1,000,00 | 1,000,00 | |
| 42 | Nelc Hodnik | National Institute of Chemistry | Ana Dobrota | Faculty of Physical Chemistry, University of Belgrade, Studentski trg 12-16 11158, Belgrade 118 | Proton Exchange Membrane Fuel Cells: boosting the corrosion/degradation resistance of the electrocatalyst | 1,000,00 | 1,000,00 | 1,600,00 | 1,000,00 | 1,000,00 | 1,600,00 |
| 43 | Brižita Tomšič | University of Ljubljana, Faculty of Natural Sciences and Engineering | Darka D. Marković | University of Belgrade, Faculty of Technology and Metallurgy, 4. Karmegijeva Street, Belgrade | Biodegradation of cotton fabrics impregnated with Cu-based nanoparticles in soil and compost | 1,000,00 | 1,000,00 | 1,200,00 | 1,000,00 | 1,000,00 | 1,200,00 |
| 44 | Igor Kononenko | University of Ljubljana, Faculty of Computer and Information Science | Vladimir Kurhalija | Prirodno-matematički fakultet (Faculty of Sciences), Departman za matematiku i informatiku, Trg Dostojna Obradovića 3, Novi Sad, Srbija | Techniques for inductive learning from a wide range of partially labeled datasets about various diseases | 1,000,00 | 1,000,00 | 1,600,00 | 1,000,00 | 1,000,00 | 1,600,00 |

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| 45 | Bojan Rosi | University of Maribor, Faculty of Logistics | Nenad Zrnčič | Univerzitet u Beogradu, Mašinski fakultet, Kraljice Marije 16, Beograd, Beograd | Smart logistics as a juncture between the concepts of smart cities and Industry 4.0 | 1,000,00 | 1,000,00 | 700,00 | 1,000,00 | 1,000,00 | 700,00 |
| 46 | Iztok Pačič | University of Maribor, Faculty of mechanical engineering | Bojan Lalić | Fakultet tehničkih nauka (Fakulteta tehničkih znanosti), Trg D. Obradovića 6, Novi Sad | Readiness of Slovenian and Serbian manufacturing companies for Industry 4.0 | 1,000,00 | 1,000,00 | - | 1,000,00 | 1,000,00 | 1,200,00 |
| 47 | Darko Goržaneč | University of Maribor, Faculty of Chemistry and Chemical Engineering | Miloš Banjac | Faculty of Mechanical Engineering University of Belgrade, Kraljice Marije 16, 11120 Belgrade 35, Belgrade | Introducing low-temperature geothermal sources into high-temperature district heating | 1,000,00 | 1,000,00 | - | 1,000,00 | 1,000,00 | - |
| 48 | Tomaž Vuherer | University of Maribor, Faculty of mechanical engineering | Dragan Milčić | Univerzitet u Nišu - Mašinski fakultet u Nišu, Ulica Aleksandra Medvedeva 14, 18000 Niš | Providing high reliability of aluminum structures and their parts in transport techniques | 1,000,00 | 1,000,00 | - | 1,000,00 | 1,000,00 | - |
| 49 | Romana Čerc Karošec | University of Ljubljana, Faculty of Chemistry and Chemical Technology | Štežana Vučetić | Faculty of Technology, University of Novi Sad, Bul. cara Lazara 1, Novi Sad | Thermal characterization and market-ready valorisation of cement kiln dust and low grade clays for traditional ceramic materials | 1,000,00 | 1,000,00 | - | 1,000,00 | 1,000,00 | - |
| 50 | Uroš Trdan | University of Ljubljana, Faculty of Mechanical Engineering | Aleksandar Venci | University of Belgrade, Faculty of Mechanical Engineering, Kraljice Marije 16, 11120 Belgrade 35, Belgrade | Effect of the recycled black sling use on the tool wear: comparison of laboratory and field tests | 1,000,00 | 1,000,00 | - | 1,000,00 | 1,000,00 | - |

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