

Selected projects in the field of Slovenian - Hungarian scientific and technological cooperation to be financed from 01/03/2021 to 28/02/2023

ANNEX II - amended

Nr.	Project title	SI Institution	SI Project leader	HU Institution	HU Project leader
1	Identification of new SARS-CoV-2 main protease Mpro inhibitors	Univerza v Ljubljani Fakulteta za farmacijo	Damijan Knez	Hungarian Academy of Sciences; Research Centre for Natural Sciences, Chemistry Research Group	Dávid Bajusz (2019-2.1.11-TÉT-2020-00239)
2	Impact of COVID-19 pandemic on SMEs digital transformation journey	Univerza v Mariboru Fakulteta za organizacijske vede	Marjeta Marolt	Institute of Information Technology, Corvinus University of Budapest	Andrea Kő (2019-2.1.11-TÉT-2020-00172)
3	Development of multi-objective optimisation algorithms for the design of buildings of diverse use	InnoRenew CoE Center odličnosti za raziskave in inovacije na področju obnovljivih materialov in zdravega bivanjskega okolja	Balázs Dávid	University of Pécs	István Kistelegdi (2019-2.1.11-TÉT-2020-00256)
4	Atomic layer deposition and characterisation of VO2 layers	Kemijski inštitut	Goran Dražić	Centre for Energy Research	Zsófia Baji (2019-2.1.11-TÉT-2020-00189)
5	Methane-CO2 dry reforming over bimetallic Ni supported on nanoshaped or promoted CeO2: in-situ/operando investigation of their working states	Kemijski inštitut	Albin Pintar	Centre for Energy Research, Department of Surface Chemistry and Catalysis	Anita Nagyné Horváth (2019-2.1.11-TÉT-2020-00188)
6	Antimicrobial compounds of alien goldenrods	Kemijski inštitut	Irena Vovk	Plant Protection Institute Centre for Agricultural Research	Dr. Ágnes Móricz (2019-2.1.11-TÉT-2020-00115)
7	Freedom of Speech in the Digital Age	Alma Mater Europea - Institutum Studiorum Humanitatis Fakulteta za podiplomski humanistični študij Ljubljana	Jurij Toplak	Hungarian Academy of Sciences, Research Center for Social Sciences, Institute of Legal Studies	Boldizsár Szentgáli-Tóth (2019-2.1.11-TÉT-2020-00243)
8	Anthropological study of rural-urban and urban-rural migrations in Central Europe: The case of Slovenia and Hungary	Univerza v Ljubljani Filozofska fakulteta	Alenka Bartulović	University of Pecs	Gábor Máté (2019-2.1.11-TÉT-2020-00175)
9	Formulation of nanomedicines with poorly soluble drugs	Univerza v Ljubljani Fakulteta za farmacijo	Petra Kocbek	University of Szeged, Institute of Pharmaceutical Technology and Regulatory Affairs	Rita Ambrus (2019-2.1.11-TÉT-2020-00147)
10	Identification and investigation of berry fruit infecting viruses using HTS based methods.	Kmetijski inštitut Slovenije	Irena Mavrič Pleško	National Agricultural Research and Innovation Centre	Eva Varallyay (2019-2.1.11-TÉT-2020-00124)
11	High-speed yarn unwinding packages simulation	Univerza v Ljubljani Naravoslovnotehniška fakulteta	Stanislav Praček	Óbuda University	Marianna HALÁSZ (2019-2.1.11-TÉT-2020-00219)
12	Optimization and fault forecasting in port logistics processes using artificialintelligence, process mining and operations research	InnoRenew CoE Center odličnosti za raziskave in inovacije na področju obnovljivih materialov in zdravega bivanjskega okolja	Miklós Krész	University of Pannonia, Faculty of Information Technology	Ágnes Werner-Stark (2019-2.1.11-TÉT-2020-00113)