

Grant	Project Code	Project Title	Applicant	Faculty	Principal Investigator	PI - Email Address
VV 2018	APVV-18-0004	Optimal design of micro/nano structures for metamaterials	Slovak Academy of Sciences, Institute of Construction and Architecture		prof. Ing. Ján Sládek, DrSc.	jan.sladek@savba.sk
VV 2018	APVV-18-0005	Analysis of factors affecting a crop response to the potyvirus infection at the molecular and cellular level.	Biomedical Research Center	Institute of Virology	Ing. Miroslav Glasa, DrSc.	Miroslav.Glaza@savba.sk
VV 2018	APVV-18-0014	Global Characterization of Skyglow	Slovak Academy of Sciences, Institute of Construction and Architecture		Mgr. Miroslav Kocifaj, PhD.	kocifaj@savba.sk
VV 2018	APVV-18-0016	Molecular nanomagnets assembled of transition metal complexes	Pavol Jozef Safarik University in Kosice	Faculty of Science	prof. RNDr. Juraj Černák, DrSc.	juraj.cernak@upjs.sk
VV 2018	APVV-18-0018	Teaching at second chance schools from the perspective of a teacher and adult learner	University of Presov in Presov	Faculty of Humanities and Natural Sciences	prof. PaedDr. Lenka Pasternáková, PhD., MBA	lenka.pasternakova@unipo.sk
VV 2018	APVV-18-0023	Efficient optimization-based methods for embedded control	Slovak University of Technology in Bratislava	Faculty of mechanical Engineering	prof. Ing. Boris Rohal-Ilkiv, CSc.	boris.rohal-ilkiv@stuba.sk
VV 2018	APVV-18-0027	New methods development for reliability analysis of complex system	University of Zilina	Faculty of Management Science & Informatics	prof. Ing. Elena Zaitseva, PhD.	elena.zaitseva@fri.uniza.sk
VV 2018	APVV-18-0028	Research and optimization of the construction and material composition of cables for demanding environment concepts Industry 4.0	VUKI a.s.		Ing. Attila Kment, PhD.	attila.kment@stuba.sk
VV 2018	APVV-18-0029	Research of new polyester and polyesterimide resins composites to increase the adhesion and flexibility of impregnants	VUKI a.s.		Ing. Zuzana Filová	filova@vuki.sk
VV 2018	APVV-18-0032	Mythological conceptions about the world in the narrative sources in Slovakia in the system of Slavic linguistic and cultural relations	Slovak Academy of Sciences, Jan Stanislav Institute of Slavistics		Mgr. Svetlana Vašíčková, PhD.	svetlana.vasickova@savba.sk
VV 2018	APVV-18-0035	Valuing ecosystem services of natural capital as a tool for assessing the socio-economic potential of the area.	Matej Bel University in Banská Bystrica	Faculty of Economics	doc. Ing. Stanislav Kološta, PhD.	stanislav.kolosta@umb.sk
VV 2018	APVV-18-0039	Application of fermented bioproducts and humic substances in poultry nutrition, new approach for animal health improving and production of safe and functional foods	University of veterinary medicine and Pharmacy in Kosice		doc. MVDr. Slavomír Marcinčák, PhD.	slavomir.marcincak@uvlf.sk
VV 2018	APVV-18-0043	Dictionary of Slovak Literary Works After 1989	University of Presov in Presov	Faculty of Arts	doc. Mgr. Ján Gavura, PhD.	jgskola@gmail.com
VV 2018	APVV-18-0044	Solar potential in urban areas and its application to the Smart City concept	Pavol Jozef Safarik University in Kosice	Faculty of Science	prof. Mgr. Jaroslav Hofierka, PhD.	jaroslav.hofierka@upjs.sk
VV 2018	APVV-18-0046	Dictionary of Slovak Neologisms (lexicographic, lexicological and comparative Slavonic research)	University of Presov in Presov		prof. Mgr. Martin Ološtiak, PhD.	martin.olostiak@unipo.sk
VV 2018	APVV-18-0052	Uncertainty modelling: extensions and generalizations of some particular methods and applications.	Slovak University of Technology in Bratislava	Faculty of Civil Engineering	prof. RNDr. Radko Mesiar, DrSc.	radko.mesiar@stuba.sk
VV 2018	APVV-18-0054	Vertical GaN MOSFET for power switching applications	Slovak Academy of Sciences, Institute of Electrical Engineering		Ing. Ján Kuzmík, DrSc.	jan.kuzmik@savba.sk
VV 2018	APVV-18-0061	Foods with lowered cholesterol content	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	prof. Ing. Peter Šimko, DrSc.	qsimko@stuba.sk
VV 2018	APVV-18-0065	Light lithophile elements (Li, Be, B) in selected minerals: from crystal structure to geological processes	Comenius University in Bratislava	Faculty of Natural Sciences	doc. Mgr. Peter Bačík, PhD.	peter.bacik@uniba.sk
VV 2018	APVV-18-0066	Development of innovative methods for primary metrology torque forces by force effects of the conventional standards	Slovak legal metrology		prof. Ing. Ľuboš Kučera, PhD.	lubos.kucera@fstroj.uniza.sk
VV 2018	APVV-18-0070	Generation Z - new challenges in youth development	Pavol Jozef Safarik University in Kosice	Faculty of Medicine	prof. Mgr. Andrea Madarasova Geckova, PhD.	andrea.geckova@upjs.sk
VV 2018	APVV-18-0075	Polymer surfaces modified with layered nanoparticles and photoactive dyes	Comenius University in Bratislava	Faculty of Natural Sciences	prof. RNDr. Juraj Bujdák, DrSc.	juraj.bujdak@uniba.sk
VV 2018	APVV-18-0084	Resistance to antituberculosis - new possibilities of its detection and therapeutic management	Comenius University in Bratislava	Jessenius Faculty of Medicine in Martin	prof. MUDr. Juraj Mokrý, PhD.	mokry@jfmed.uniba.sk
VV 2018	APVV-18-0086	Interactive impacts of tree competition, harmful agents, climate, and management on post-disturbance forest development	National Forest Centre		doc. Ing. Bohdan Konopka, PhD.	bkonopka@nlcsk.org
VV 2018	APVV-18-0088	Complete molecular characterization of heterogeneity and signaling of glial cells in the tumorigenesis process	Comenius University in Bratislava	Jessenius Faculty of Medicine in Martin	doc. RNDr. Jozef Hatok, PhD.	hatok@jfmed.uniba.sk
VV 2018	APVV-18-0096	Co-transcriptional folding of pre-mRNA, model of structural motifs required for exon definition.	Centre of Biosciences SAS		Mgr. Jana Královicová, PhD.	jana.kralovicova@savba.sk

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VV 2018	APVV-18-0103	Paradigmatic changes in the understanding of Universe and Man from philosophical, theological, and physical perspectives	Comenius University in Bratislava	Faculty of Philosophy	prof. PhDr. Zlatica Plašienková, PhD.	zlatica.plasienkova@uniba.sk
VV 2018	APVV-18-0104	Asymmetric cell division during bacterial endospore formation	Slovak Academy of Sciences, Institute of Molecular Biology		RNDr. Imrich Barák, DrSc.	imrich.barak@savba.sk
VV 2018	APVV-18-0107	Ultrahigh-pressure metamorphic rocks and granitoids of collisional orogens: P-T-X conditions, formation of microdiamonds, stability of accessory minerals and geodynamic evolution	Slovak Academy of Sciences, Earth Science Institute	Slovak Academy of Sciences, Geological Institute	RNDr. Marian Janák, DrSc.	marian.janak@savba.sk
VV 2018	APVV-18-0115	Language in the City - Documenting the Multimodal Semiosphere of Linguistic Landscapes in Slovakia and in a Comparative Perspective	Matej Bel University in Banska Bystrica	Faculty of Arts	doc. PhDr. Alena Ďuricová, PhD.	alena.duricova@umb.sk
VV 2018	APVV-18-0116	Research of progressive methods of welding and soldering of corrosion-resistant steels and copper	Slovak University of Technology in Bratislava	Faculty of Materials Science and Technology in Trnava	doc. Ing. Erika Hodúlová, PhD.	erika.hodulova@stuba.sk
VV 2018	APVV-18-0121	The effect of animal and environmental factors on milk production and udder health in dairy cows in Slovakia	National Agricultural and Food Centre		Ing. Lucia Mačuhová, PhD.	macuhova@vuzv.sk
VV 2018	APVV-18-0122	The place of social sciences and humanities in society: their limitations and possibilities.	Matej Bel University in Banska Bystrica	Faculty of Arts	prof. PhDr. Tatiana Sedová, CSc.	tanasedova@gmail.com
VV 2018	APVV-18-0125	Novel anthraquinones from natural sources for biomedical applications	Pavol Jozef Safarik University in Kosice	Faculty of Science	prof. RNDr. Eva Čellárová, DrSc.	eva.cellarova@upjs.sk
VV 2018	APVV-18-0131	Alternative parasite control of small ruminant	Slovak Academy of Sciences, Parasitological Institute		doc. MVDr. Marián Várady, DrSc.	varady@saske.sk
VV 2018	APVV-18-0134	Multilevel Intensification of Chemical Processes and Industrial Clusters	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	doc. Ing. Zuzana Labovská, PhD.	zuzana.labovska@stuba.sk
VV 2018	APVV-18-0140	Internet Gaming Disorder - IGD: risk factors, symptoms and their measurement	University of Presov in Presov		Mgr. Marcel Martončík, PhD.	martoncik@protonmail.ch
VV 2018	APVV-18-0146	Characterization and cryopreservation of unexplored hematopoietic stem/progenitor cells of Slovak rabbit breeds	National Agricultural and Food Centre	Research Institute for Animal Production Nitra	Ing. Jaromír Vašíček, PhD.	jaromir.vasicek@gmail.com
VV 2018	APVV-18-0150	Potential risk of use of analogs of endocrine disruptor Bisphenol A: determination of cellular and molecular effects in a spectrum of in vitro gonadal cell cultures	Biomedical Research Center	Institute of Experimental Endocrinology	Mgr. Alžbeta Bujňáková Mlynarcíková, PhD.	alzbeta.mlynarcikova@savba.sk
VV 2018	APVV-18-0154	Molecular-metabolomic approach to beta-D-glucan and its protective function in the plant	University of SS. Cyril and Methodius in Trnava	Faculty of Natural Sciences of UCM	RNDr. Michaela Havrlentová, PhD.	michaela.havrlentova@ucm.sk
VV 2018	APVV-18-0155	Synthesis, compatibilization and transport of components of multifunctional systems suitable for the stabilization of cellulosic materials	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	doc. Ing. Milan Králik, PhD.	milan.kralik@stuba.sk
VV 2018	APVV-18-0160	Nanofluids in Electrical Engineering	Slovak Academy of Sciences, Institute of Experimental Physics		RNDr. Michal Rajnák, PhD.	rajnak@saske.sk
VV 2018	APVV-18-0161	Quantum Monte Carlo for strongly correlated electronic systems	Slovak University of Technology in Bratislava	Faculty of Materials Science and Technology in Trnava	Ing. Matúš Dubecký, PhD.	matus.dubecky@stuba.sk
VV 2018	APVV-18-0163	The neuroprotection of synergic effect of the AT1 receptor blockade and AT2 receptor stimulation after traumatic spinal cord injury	Biomedical Research Center		RNDr. Jaroslav Pavel, PhD.	pavel@saske.sk
VV 2018	APVV-18-0167	Smart clothing for E-health applications	University of Zilina	Faculty of Electrical Engineering	prof. Ing. Ladislav Janousek, PhD.	ladislav.janousek@fel.uniza.sk
VV 2018	APVV-18-0168	Quest for novel inorganic compounds with nickel, palladium, copper and silver by DFT modelling and ion beam synthesis	Slovak University of Technology in Bratislava	Faculty of Materials Science and Technology in Trnava	Ing. Pavol Noga, PhD.	pavol.noga@stuba.sk
VV 2018	APVV-18-0171	Importance of novel hepatitis B biomarkers for risk stratification and treatment management of patients with chronic HBV infection	Pavol Jozef Safarik University in Kosice	Faculty of Medicine	doc. MUDr. Pavol Kristian, PhD.	kristian@unlp.sk
VV 2018	APVV-18-0174	Research of circadian potential of facade systems of buildings	Slovak University of Technology in Bratislava	Faculty of Civil Engineering	prof. Ing. Jozef Hraška, PhD.	jozef.hraska@stuba.sk
VV 2018	APVV-18-0176	Social inclusion through the cultivation of language use	Comenius University in Bratislava	Faculty of Philosophy	prof. PhDr. Juraj Dolník, DrSc.	juraj.dolnik@uniba.sk
VV 2018	APVV-18-0178	Naturalism as Universal Philosophical Program	Comenius University in Bratislava	Faculty of Philosophy	prof. Mgr. Michal Chabada, PhD.	michal.chabada@uniba.sk
VV 2018	APVV-18-0185	Land-use changes of Slovak cultural landscape and prediction of its further development	Constantine the Philosopher University in Nitra	Faculty of Natural Sciences	prof. RNDr. Martin Boltíčiar, PhD.	mboltizar@ukf.sk
VV 2018	APVV-18-0187	Originality protection of fibres, textile and clothing products	VUTCH-CHEMITEK, Ltd.		Ing. Ľudmila Balogová	balogova@vutch.sk

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VV 2018	APVV-18-0188	Chemoenzymatic synthesis of substances with pharmaceutical potential: Optimization of processes of phenylethanoid glycosides production	Slovak Academy of Sciences, Institute of Chemistry		Ing. Vladimír Mastihuba, PhD.	vladimir.mastihuba@savba.sk
VV 2018	APVV-18-0195	Economic optimization of target state models of close-to-nature forests	National Forest Centre		Ing. Ladislav Kulla, PhD.	kulla@nlcsk.org
VV 2018	APVV-18-0196	Nitra County Notitia by Matthias Bel (interpretation and application)	University of SS. Cyril and Methodius in Trnava	Faculty of Arts of UCM	prof. RNDr. Peter Chrastina, PhD.	peter.chrastina@ucm.sk
VV 2018	APVV-18-0197	Relaxation phenomena in quantum magnets	Pavol Jozef Safarik University in Kosice	Faculty of Science	doc. RNDr. Alžbeta Orendáčová, DrSc.	alzbeta.orendacova@upjs.sk
VV 2018	APVV-18-0199	New Challenges for rights in rem in Slovakia	Comenius University in Bratislava	Faculty of Law	doc. Mgr. Miroslav Lysý, PhD.	miroslav.lysy@flaw.uniba.sk
VV 2018	APVV-18-0201	Functional analysis and production of bioactive substances in insects and ticks	Slovak Academy of Sciences, Institute of Zoology		RNDr. Dušan Žitňan, DrSc.	dusan.zitnan@savba.sk
VV 2018	APVV-18-0203	Smart extreme stormwater management in urban areas	Slovak University of Technology in Bratislava	Faculty of Civil Engineering	prof. Ing. Štefan Stanko, PhD.	stefan.stanko@stuba.sk
VV 2018	APVV-18-0205	Management of crisis situations in water supply with respect to climate change	Slovak University of Technology in Bratislava	Faculty of Civil Engineering	prof. Ing. Danka Barloková, PhD.	danka.barloкова@stuba.sk
VV 2018	APVV-18-0207	Development of high-alloy isotropic electrical steels for traction engines of electric vehicles	Slovak Academy of Sciences, Institute of Materials Research		RNDr. František Kováč, CSc.	fkovac@saske.sk
VV 2018	APVV-18-0211	AFM: Imaging, manipulation, atomic-scale simulation	Institute of Physics, Slovak Academy of Sciences		prof. Ing. Ivan Stich, DrSc.	ivan.stich@savba.sk
VV 2018	APVV-18-0214	Intelligent Management of 5G Mobile Network based on the Comprehensive Learning with deep learning	Technical University of Kosice	Faculty of Electrical Engineering and Informatics	doc. Ing. Juraj Gazda, PhD.	juraj.gazda@tuke.sk
VV 2018	APVV-18-0218	Close relatives? Slovakia and Czechia in the context of international comparative research 100 years since the Czechoslovak republic	Slovak Academy of Sciences, Institute for Sociology		Ing. Mgr. Miloslav Bahna, PhD.	miloslav.bahna@savba.sk
VV 2018	APVV-18-0219	Dbl2 protein as a novel regulator of genome stability and dynamics in fission yeast	Centre of Biosciences SAS	Institute of Animal Biochemistry and Genetics	Mgr. Silvia Bágeľová Poláková, PhD.	bagelova.silvia@gmail.com
VV 2018	APVV-18-0223	Assessment of key properties of forest soils in Slovakia: current condition, development, spatial relations and relations to forest condition	National Forest Centre		Ing. Pavel Pavlenda, PhD.	pavlenda@nlcsk.org
VV 2018	APVV-18-0224	Research of laser-TIG hybrid welding in mode of pulses synchronization of welding sources	Slovak Centre of Scientific and Technical Information		prof. Ing. František Uherek, PhD.	frantisek.uherek@cvtisr.sk
VV 2018	APVV-18-0227	Toxic and essential elements in milk and dairy products: sources, concentrations and importance for human health	Slovak University of Agriculture in Nitra	Faculty of Agrobiology and Food Resources	prof. Ing. Róbert Toman, PhD.	canart666@gmail.com
VV 2018	APVV-18-0232	Regeneration of ionic liquids used in separation processes	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	doc. Ing. Elena Graczová, PhD.	elena.graczova@stuba.sk
VV 2018	APVV-18-0239	Non-conventional applications of emerging sequencing technologies in comparative and functional genomics	Comenius University in Bratislava		prof. RNDr. Jozef Nosek, DrSc.	jozef.nosek@uniba.sk
VV 2018	APVV-18-0240	Pretreatment of forest dendromass for second generation of liquid biofuels	Pulp and Paper Research Institute		Ing. Andrej Pažitný	pazitny@vupc.sk
VV 2018	APVV-18-0242	Asymmetric multicatalysis for effective synthesis of chiral carbocyclic and heterocyclic compounds	Comenius University in Bratislava	Faculty of Natural Sciences	prof. Mgr. Radovan Šebesta, DrSc.	radovan.sebesta@uniba.sk
VV 2018	APVV-18-0243	Research of radiation resistant semiconductor detector for nuclear energetics	Slovak Academy of Sciences, Institute of Electrical Engineering		Mgr. Bohumír Zaťko, PhD.	elekbzat@savba.sk
VV 2018	APVV-18-0247	Automation of Building's Electronic Documentation Verification Using Innovative Data Collection Techniques and Virtual Models	Slovak University of Technology in Bratislava	Faculty of Civil Engineering	prof. Ing. Alojz Kopáčik, PhD.	alojz.kopacik@stuba.sk
VV 2018	APVV-18-0248	Smart Belt Conveyors	Technical University of Kosice	Faculty of Aeronautics	doc. Ing. Karol Semrád, PhD.	karol.semrad@tuke.sk
VV 2018	APVV-18-0251	Linking the evolution of Mesozoic vertebrates to climate in Eastern Laurasia: High-resolution analysis of unique fossil tissues from China	Pavol Jozef Safarik University in Kosice	Technology and Innovation Park	doc. RNDr. Martin Kundrát, PhD.	martin.kundrat@upjs.sk
VV 2018	APVV-18-0254	Biocatalysts production from industrial side streams and their application in biorefineries	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	doc. Ing. Martin Rebroš, PhD.	martin.rebros@stuba.sk
VV 2018	APVV-18-0255	Catalytic depolymerization of lignin from raw materials for the production of advanced biofuels	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	doc. Ing. Pavol Hudec, CSc.	pavol.hudec@stuba.sk
VV 2018	APVV-18-0257	Incubator of Multimedia Digital Production - Reciprocal Transfer of Science, Art and Creative Industries	Constantine the Philosopher University in Nitra	Faculty of Arts	doc. Mgr. Lucia Spálová, PhD.	lspalova@ukf.sk
VV 2018	APVV-18-0259	Development of strategic therapeutics against selected vector-borne neuroinfections	University of veterinary medicine and Pharmacy in Kosice		doc. MVDr. Mangesh Bhide, PhD.	bhidemangesh@gmail.com
VV 2018	APVV-18-0268	Structure of heavy exotic nuclei	Comenius University in Bratislava	Faculty of Mathematics Physics and Informatics	doc. Mgr. Stanislav Antalic, PhD.	Stanislav.Antalic@fmph.uniba.sk

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VV 2018	APVV-18-0271	Superconducting coils made of uniform MgB2 wires with tubular filaments	Slovak Academy of Sciences, Institute of Electrical Engineering		Ing. Pavol Kováč, DrSc.	Pavol.Kovac@savba.sk
VV 2018	APVV-18-0273	Radiation harder sensor for X-ray imaging of higher quality	Slovak University of Technology in Bratislava	Faculty of Electrical Engineering and Information Technology	doc. Ing. Andrea Šagátová, PhD.	andrea.sagatova@stuba.sk
VV 2018	APVV-18-0276	The environment and settlement networks of late Prehistory on the example of selected periods and regions of Slovakia	Slovak Academy of Sciences, Institute of Archaeology		Mgr. Róbert Malček, PhD.	malcek@ife.sk
VV 2018	APVV-18-0282	Development of preparative chromatography new configurations for 2-deoxysaccharides preparation	Comenius University in Bratislava	Faculty of Natural Sciences	RNDr. Jaroslav Blaško, PhD.	jaroslav.blasko@uniba.sk
VV 2018	APVV-18-0283	Bridge between the mental state and neuroendocrine function of mother and her child: the mechanisms involved	Biomedical Research Center	Institute of Experimental Endocrinology	prof. PharmDr. Daniela Ježová, DrSc.	daniela.jezova@savba.sk
VV 2018	APVV-18-0284	Multi-target inhibitors of poly/peptides associated with Alzheimer's disease	Slovak Academy of Sciences, Institute of Experimental Physics		RNDr. Zuzana Gažová, CSc.	gazova@saske.sk
VV 2018	APVV-18-0285	Understanding IgG inactivation mechanism using single Hsp70 chaperone molecules and laser optical tweezers	Pavol Jozef Safarik University in Košice	Technology and Innovation Park	RNDr. Gabriel Žoldák, PhD.	gabriel.zoldak@upjs.sk
VV 2018	APVV-18-0287	Non-invasive yet unused markers of renal function: problems, causes and opportunities	Comenius University in Bratislava	Faculty of Medicine in Bratislava	RNDr. Ľubomíra Tóthová, PhD.	tothova.lubomira@gmail.com
VV 2018	APVV-18-0302	The development of novel approaches for therapy of tauopathies using transport peptides for drugs and antibodies into the brain	Slovak Academy of Sciences, Institute of Neuroimmunology		PharmDr. Andrej Kováč, PhD.	andrej.kovac@savba.sk
VV 2018	APVV-18-0303	Milestones in transitions in intimate relationships and quality of life in adolescence and young adulthood	Slovak Academy of Sciences, Institute for Research in Social Communication		prof. PhDr. Ivan Lukšík, CSc.	luksik@savba.sk
VV 2018	APVV-18-0305	Utilisation of progressive methods for evaluation of forest logging impacts on forest ecosystems and road network	Technical University in Zvolen	Faculty of Forestry	doc. Ing. Ján Merganič, PhD.	merganic@tuzvo.sk
VV 2018	APVV-18-0308	Nonlinear phenomena in dynamical systems from science and technology	Comenius University in Bratislava	Faculty of Mathematics Physics and Informatics	prof. RNDr. Marek Fila, DrSc.	fila@fmph.uniba.sk
VV 2018	APVV-18-0310	Corporate efficiency, financial distress and risk behavior in European companies	University of Economics in Bratislava		doc. Ing. Tomáš Výrost, PhD.	tomas.vyrost@euba.sk
VV 2018	APVV-18-0312	Modulation effects of phytonutrients in relation to consumer health	Slovak University of Agriculture in Nitra		prof. Ing. Adriana Kolesárová, PhD.	Adriana.Kolesarova@uniag.sk
VV 2018	APVV-18-0316	Research and development of composite material configurations with advanced properties for applications in production machines	Technical University of Košice	Faculty of Manufacturing Technologies	doc. Ing. Zuzana Murčíková, PhD.	zuzana.murcinkova@tuke.sk
VV 2018	APVV-18-0319	Development and testing of molecular and informatic tools for effective characterisation and interpretation of clinically relevant microsatellite repetitive motifs from genomic data	GENETON Ltd.		Mgr. Jaroslav Budíš, PhD.	jaroslav.budis@gmail.com
VV 2018	APVV-18-0333	Database of historical terminology to the history of Central Europe	Comenius University in Bratislava	Faculty of Philosophy	doc. Mgr. Martin Hurbaníč, PhD.	martin.hurbanic@uniba.sk
VV 2018	APVV-18-0335	Systemic risk on financial markets: interconnectedness of financial institutions	Slovak Academy of Sciences, Institute of Economic Research		doc. Ing. Štefan Lyócsa, PhD.	stefan.lyocsa@savba.sk
VV 2018	APVV-18-0336	Innovative approaches in toxicology of ageing	Slovak Academy of Sciences, Center of Experimental Medicine	Institute of Experimental Pharmacology and Toxicology	Ing. Lucia Račková, PhD.	rackova.luci@gmail.com
VV 2018	APVV-18-0337	Liability of corporate bodies between corporate, insolvency and criminal laws	Trnava University in Trnava	Faculty of Law	doc. JUDr. Lucia Žitňanská, PhD.	lucia.zitnanska@truni.sk
VV 2018	APVV-18-0340	Disclosure of the molecular mechanism of spontaneous tumor regression followed by the development of novel prognostic tool	Biomedical Research Center		Mgr. Lenka Minichová, PhD.	virubert@savba.sk
VV 2018	APVV-18-0347	Climate change and natural hazards impacts: vulnerability and adaptive capacity of Western Carpathians forest ecosystems	Technical University in Zvolen	Faculty of Forestry	Ing. prof. Jaroslav Škvarenina, CSc.	skvarenina@tuzvo.sk
VV 2018	APVV-18-0348	Processing of waste polyolefins for gaseous monomers and mixed ethyl ethers	Slovak University of Technology in Bratislava	Faculty of mechanical Engineering	prof. Ing. Marián Peciar, PhD.	marian.peciar@stuba.sk
VV 2018	APVV-18-0351	Risk assessment of the parasitozoonoses occurrence using multicriteria analysis approaches	Slovak Academy of Sciences, Parasitological Institute		doc. RNDr. Ingrid Papajová, PhD.	papaj@saske.sk

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VV 2018	APVV-18-0357	Chalcogenides as emerging eco-friendly and low-cost nanomaterials for energy- and medicine- related sectors	Slovak Academy of Sciences, Institute of Geotechnics		Dr.h.c. prof. Peter Baláž, DrSc.	balaz@saske.sk
VV 2018	APVV-18-0358	Electron correlations in disordered superconductors	Slovak Academy of Sciences, Institute of Experimental Physics		Mgr. Pavol Szabó, CSc.	pszabo@saske.sk
VV 2018	APVV-18-0360	Active hybrid infrastructure towards to sponge city	Technical University of Kosice	Faculty of Civil Engineering	prof. Ing. Zuzana Vranayová, CSc.	zuzana.vranayova@tuke.sk
VV 2018	APVV-18-0361	Production of bacterial inclusion bodies for biocatalysis and biomedicine (BIB-scale up)	Slovak Academy of Sciences, Institute of Chemistry		Ing. Jozef NAHÁLKA, PhD.	chemtana@savba.sk
VV 2018	APVV-18-0366	The role of NETosis in the etiopathogenesis of rheumatoid arthritis	Comenius University in Bratislava	Faculty of Medicine in Bratislava	RNDr. Barbora Vlková, PhD.	barboravlk@gmail.com
VV 2018	APVV-18-0368	Economy model of the telecommunication network as an instantaneous part of the Internet of things	Technical University of Kosice	Faculty of Economics	prof. Ing. Vladimír Gazda, PhD.	vladimir.gazda@tuke.sk
VV 2018	APVV-18-0373	Robust UWB sensor system for persons monitoring	Technical University of Kosice	Faculty of Electrical Engineering and Informatics	prof. Ing. Miloš Drutarovský, CSc.	Milos.Drutarovsky@tuke.sk
VV 2018	APVV-18-0378	Research of innovative processes of formaldehyde crosslinking in wood based panels by environmentally progressive modification of aminoplastics with biopolymers and additives for support of sustainable circular bioeconomy	Technical University in Zvolen	Faculty of Wood Sciences and Technology	prof. Ing. Ján Sedliačik, PhD.	sedliacik@tuzvo.sk
VV 2018	APVV-18-0389	Etiology of early preimplantation development disorders	Centre of Biosciences SAS	Institute of Animal Physiology	MVDr. Dušan Fabian, DrSc.	fabian@saske.sk
VV 2018	APVV-18-0390	Growth and production of mountain ecosystems under conditions of climate aridization	Technical University in Zvolen	Faculty of Forestry	doc. Ing. Katarína Strelcová, PhD.	katarina.strelcova@tuzvo.sk
VV 2018	APVV-18-0402	Innovation of technical solutions for nodes of the electronbeam generator EB 4.0	First Welding Company, Inc.		Ing. František Kolenič, PhD.	kolenic.frantisek@pzvar.sk
VV 2018	APVV-18-0413	Modular architecture of structural elements of production machinery	Technical University of Kosice	Faculty of Mechanical Engineering	doc. Ing. Jozef Svetlík, PhD.	jozef.svetlik@tuke.sk
VV 2018	APVV-18-0417	Historical Development of Private Law Terminology in Slovakia in the Context of Recodification of Slovak Civil Law.	Comenius University in Bratislava	Faculty of Law	prof. JUDr. Marek Števček, PhD.	marek.stevcek@flaw.uniba.sk
VV 2018	APVV-18-0418	Research on causes of geometrical deviations in the production of seamless tubes and their technological inheritance with emphasis on the shape stability of precision cold drawn tubes using metrological systems	Slovak University of Technology in Bratislava	Faculty of Materials Science and Technology in Trnava	doc. Ing. Ladislav Morovič, PhD.	ladislav.morovic@stuba.sk
VV 2018	APVV-18-0420	Biotechnological preparation of bioplastics based on PHA with programmable releasing of biopolymer and application possibilities	Slovak Academy of Sciences, Polymer Institute		Mgr. Martin Danko, PhD.	martin.danko@savba.sk
VV 2018	APVV-18-0421	The European Public Prosecutor's Office in Connections of the Constitutional Order of the Slovak Republic as Strengthening of the European Integration through Law	Pavol Jozef Safarik University in Kosice	Faculty of Law	doc. JUDr. Martina Jánošíková, PhD.	martina.janosikova@upjs.sk
VV 2018	APVV-18-0425	Entry and competition in regulated markets: evidence from Slovak pharmacy market	University of Economics in Bratislava	Faculty of National Economy	doc. Ing. Martin Lábaj, PhD.	martin.labaj@euba.sk
VV 2018	APVV-18-0435	Behavioral Interventions in Local Government: Increasing the Efficiency of Local Public Policies	Comenius University in Bratislava	Faculty of Social and Economic Sciences	prof. Ing. Emília Sičáková-Beblavá, PhD.	emilia.beblava@fses.uniba.sk
VV 2018	APVV-18-0436	Development of Modular Traction Battery and Optimization of Electrical Power Consumption in Electric Midibus	Technical University of Kosice	Faculty of Electrical Engineering and Informatics	doc. Ing. Milan Lacko, PhD.	milan.lacko@tuke.sk
VV 2018	APVV-18-0438	Research and development of energy saving hybrid bearing reducer with lowered wear rate for robotic equipment (for Industry 4.0)	Slovak Academy of Sciences, Institute of Materials Research		Ing. Viktor Puchý, PhD.	vpuchy@saske.sk
VV 2018	APVV-18-0443	Projections of Labour Law into other Private Law Disciplines (and vice versa)	Trnava University in Trnava	Faculty of Law	doc. JUDr. Andrea Olšovská, PhD.	aolsovska@gmail.com
VV 2018	APVV-18-0450	Research of the influence design parameters of special transmissions with a high gear ratio with respect to kinematic properties	University of Zilina	Faculty of Mechanical Engineering	doc. Ing. Slavomír Hrček, PhD.	slavomir.hrcek@fstroj.uniza.sk
VV 2018	APVV-18-0457	Special Light Electric Vehicle from Unconventional Materials to Heavy Conditions and Terrain - LEV	University of Zilina		prof. Ing. Štefan Medvecký, PhD.	stefan.medvecky@fstroj.uniza.sk

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VV 2018	APVV-18-0465	Use of Advanced Phenomic Approaches to Exploit Variation in Photosynthetic Efficiency to Increase Yield Under Fluctuating and Stress Environment	Slovak University of Agriculture in Nitra	Faculty of Agrobiology and Food Resources	prof. Ing. Marian Breštič, CSc.	Marian.Brestic@uniag.sk
VV 2018	APVV-18-0467	Integrated monitoring and environmental risk assessment of PCBs and mercury contaminants in the Zemplín Region (Slovakia), one of the most ecologically threatened territories in Europe	Slovak Academy of Sciences, Parasitological Institute		RNDr. Mikuláš Oros, PhD.	oros@saske.sk
VV 2018	APVV-18-0472	Measurement of water level shape during non stable flow by the close-range photogrammetry methods	Slovak University of Technology in Bratislava	Faculty of Civil Engineering	doc. Ing. Marek Fraštia, PhD.	marek.fрастia@stuba.sk
VV 2018	APVV-18-0473	Class Error Rates Model of Machine Translation: A Step towards Objectifying the Translation Assessment	Constantine the Philosopher University in Nitra		prof. RNDr. Daša Munková, PhD.	dmunkova@ukf.sk
VV 2018	APVV-18-0479	Research of key competences for the knowledge society in the context of historical, social and economic specificities of the Slovak Republic	Comenius University in Bratislava	Faculty of Social and Economic Sciences	PhDr. Marcela Katusčáková, PhD.	marcela.katuscakova@fses.uniba.sk
VV 2018	APVV-18-0480	Rational design of hydrogel microcapsules for immunoprotection of transplanted pancreatic islets in diabetes treatment	Slovak Academy of Sciences, Polymer Institute		Ing. Igor Lacík, DrSc.	igor.lacik@savba.sk
VV 2018	APVV-18-0484	Forest Pedagogy and Education to Sustainable Development in pre-primary and primary education	Constantine the Philosopher University in Nitra	Faculty of Education	doc. PaedDr. Dana Kollárová, PhD.	dkollarova@ukf.sk
VV 2018	APVV-18-0499	The histomorphological basis of idiopathic tubal infertility. The connection between specific immunity, lymphatic drainage and telocytes regarding functions of uterine tubes	Comenius University in Bratislava	Faculty of Medicine in Bratislava	doc. RNDr. Ivan Varga, PhD., PhD.	ivan.varga@fmed.uniba.sk
VV 2018	APVV-18-0505	Development of an original construction for a compacting machine with inverted kinematics	Slovak University of Technology in Bratislava	Faculty of mechanical Engineering	prof. Ing. Ľubomír Šooš, PhD.	lubomir.soos@stuba.sk
VV 2018	APVV-18-0508	Development of the Fe based PM components with increased fatigue strength.	Slovak Academy of Sciences, Institute of Materials and Machine Mechanics		Ing. Martin Nosko, PhD.	martin.nosko@savba.sk
VV 2018	APVV-18-0512	Food Chain and Unfair Trade Practices	Slovak University of Agriculture in Nitra	Faculty of Economics and Management	doc. Ing. Miroslava Rajčániová, PhD.	miroslava.rajcaniova@uniag.sk
VV 2018	APVV-18-0515	Molecular biomarkers for canine brain disorders – Monitoring of the brain regeneration and efficacy of treatment	Slovak Academy of Sciences, Institute of Neuroimmunology		doc. MVDr. Norbert Žilka, DrSc.	norbert.zilka@savba.sk
VV 2018	APVV-18-0518	Optimisation methods for quantum technologies	Institute of Physics, Slovak Academy of Sciences		doc. Mario Ziman, PhD.	ziman@savba.sk
VV 2018	APVV-18-0520	Innovative methods for analyzing the performance of wood and forestry complex using the principles of green growth	Technical University in Zvolen		prof. Ing. Iveta Hajdúchová, PhD.	hajduchova@tuzvo.sk
VV 2018	APVV-18-0522	Intelligent control system for modular production systems of new generation of Factory of the Future.	University of Zilina		doc. Ing. Patrik Grznár, PhD.	patrik.grznar@fstroj.uniza.sk
VV 2018	APVV-18-0526	Research and development of advanced methods, algorithms, and tools for mathematical modeling, analysis, synthesis, simulation and design of control systems for technological objects and processes	Technical University of Kosice	Faculty of Mining, Ecology, Process Control and Geotechnology	prof. RNDr. Igor Podlubný, DrSc.	igor.podlubny.tuke@gmail.com
VV 2018	APVV-18-0527	Development and optimization of additive manufacturing technology and design of device for production of components with optimized strength and production costs	Slovak University of Technology in Bratislava	Faculty of mechanical Engineering	doc. Ing. Juraj Beniak, PhD.	juraj.beniak@stuba.sk
VV 2018	APVV-18-0533	New Method of Biomass Pre-treatment by Cryolysis	Pulp and Paper Research Institute		Ing. Štefan Boháček, PhD.	bohacek@vupc.sk
VV 2018	APVV-18-0534	Legal Regulation of Management of Spent Nuclear Fuel	Comenius University in Bratislava	Faculty of Law	prof. JUDr. Mária Srebalová, PhD.	maria.srebalova@flaw.uniba.sk
VV 2018	APVV-18-0542	Development of the bioactive silicon nitride by surface modification	Slovak Academy of Sciences, Institute of Inorganic Chemistry		Mgr. Monika Tatarková, PhD.	monika.tatarkova@savba.sk
VV 2018	APVV-18-0547	Novel biomarkers of prodromal Parkinson's disease	Pavol Jozef Safarik University in Kosice	Faculty of Medicine	doc. MUDr. Matej Škorvánek, PhD.	mskorvanek@gmail.com
VV 2018	APVV-18-0548	The role of matrix metalloproteinases in pathophysiology of cardiovascular system diseases and their relation to cellular redox signaling.	Slovak Academy of Sciences, Center of Experimental Medicine	Institute of Experimental Pharmacology and Toxicology	RNDr. Miroslav Barančík , DrSc.	Miroslav.Barancik@savba.sk
VV 2018	APVV-18-0550	Printed organic IoT sensors for health monitoring	POWERTEC Ltd.		Ing. Anton Kuzma, PhD.	anton.kuzma@powertec.sk
VV 2019	APVV-19-0003	Onomatopoeia - what's in a name?	Pavol Jozef Safarik University in Kosice	Faculty of Arts	prof. PaedDr. Lívia Körtvélyessy, PhD.	livia.kortvelyessy@upjs.sk

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VV 2019	APVV-19-0009	Preparation of new antibiotics and antitumor agents by manipulations of secondary metabolite genes and synthetic biology methods	Slovak Academy of Sciences, Institute of Molecular Biology		RNDr. Ján Kormanec, DrSc.	jan.kormanec@savba.sk
VV 2019	APVV-19-0010	Advanced materials with eutectic microstructure for high temperature and functional applications	Alexander Dubcek University of Trenčín		prof. Ing. Dušan Galusek, DrSc.	dusan.galusek@tnuni.sk
VV 2019	APVV-19-0024	Redox active metal complexes exhibiting dual anticancer and antibacterial activity	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	prof. Ing. Peter Raptá, DrSc.	peter.rapta@stuba.sk
VV 2019	APVV-19-0029	Papers for Printed Electronics	Pulp and Paper Research Institute		Ing. Juraj Gigac, PhD.	gigac@vupc.sk
VV 2019	APVV-19-0031	Microbial contaminants in traditional Slovakian cheeses: their elimination by scientific tools based on quantitative analysis and mathematical modelling	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	prof. Ing. Ľubomír Valík, PhD.	lubomir.valik@stuba.sk
VV 2019	APVV-19-0032	Development and realisation of the standard of the static magnetic field based on a magnetic resonance	Slovak Academy of Sciences, Institute of Measurement Science		Ing. Peter Andris, PhD.	umerandr@savba.sk
VV 2019	APVV-19-0033	The role of Rho-kinase pathway in pathomechanism of allergic airway inflammation and the possibilities of its pharmacological modulation	Comenius University in Bratislava	Jessenius Faculty of Medicine in Martin	prof. RNDr. Soňa Fraňová, PhD.	sona.fanova@uniba.sk
VV 2019	APVV-19-0035	Simulation and visualization analytical tool for forest planning (SAVANT)	Technical University in Zvolen	Faculty of Forestry	prof. Ing. Marek Fabrika, PhD.	fabrika@tuzvo.sk
VV 2019	APVV-19-0043	CANTUS PLANUS in Slovakia: Local Elements – Transregional Connections	Slovak Academy of Sciences, Institute of Musicology		PhDr. Eva Veselovská, PhD.	eva.veselovska@savba.sk
VV 2019	APVV-19-0049	Research of aging of electrical insulation systems, changes in lifetime of used materials after introduction of the new EU regulations (RoHS, REACH).	VUKI a.s.		doc. Ing. Juraj Packa, M.D., PhD.	packa@vuki.sk
VV 2019	APVV-19-0050	Criminal Law Protection of Liberty	Trnava University in Trnava	Faculty of Law	doc. JUDr. Eva Szabová, PhD.	eva.szabova@truni.sk
VV 2019	APVV-19-0056	Parasitologically important amoebae and new strategies for their elimination	Comenius University in Bratislava		RNDr. Martin Mrva, PhD.	martin.mrva@uniba.sk
VV 2019	APVV-19-0058	The impact of multiethnicity and multiconfessionalism on the social, political, and cultural development of peripheral regions in the first half of the 20th century (using the example of Eastern Slovakia and Subcarpathian Rus')	University of Presov in Presov	Faculty of Arts	prof. PhDr. Peter Švorc, CSc.	peter.svorc@unipo.sk
VV 2019	APVV-19-0059	Colored stains on historical papers: biological and chemical characterization coupled with removal solutions	Slovak Academy of Sciences, Institute of Molecular Biology		RNDr. Mária Bučková, PhD.	maria.buckova@savba.sk
VV 2019	APVV-19-0065	Petrological-geochronological record of riftogenesis and crust-mantle recycling in the Western Carpathians orogenic wedge	Comenius University in Bratislava	Faculty of Natural Sciences	prof. RNDr. Marián Putiš, DrSc.	marian.putis@uniba.sk
VV 2019	APVV-19-0066	Investigation of the Host – Parasite, Cell - Rickettsia Relationship, Monitored by Transcriptomic and Proteome Studies.	Biomedical Research Center		RNDr. Zuzana Sekeyová, PhD.	viruseke@savba.sk
VV 2019	APVV-19-0068	Exploring yeast biodiversity for uncovering novel mechanisms of telomere maintenance of eukaryotic chromosomes	Comenius University in Bratislava	Faculty of Natural Sciences	prof. RNDr. Ľubomír Tomáška, DrSc.	lubomir.tomaska@uniba.sk
VV 2019	APVV-19-0070	Preclinical validation of an innovative antisense platform for CML	Comenius University in Bratislava	Faculty of Medicine in Bratislava	Ing. Filip Rázga, PhD.	razga@hotmail.com
VV 2019	APVV-19-0072	The relationship between color and polarization in comets: clues to understanding microphysical properties of cometary dust and mechanisms of its ejection	Astronomical Institute, Slovak Academy of Sciences	Slovak Academy of Sciences, Astronomical Institute	Mgr. Oleksandra Ivanova, PhD.	oivanova@ta3.sk
VV 2019	APVV-19-0074	Effective reading behavior strategies studied at key stages of literacy development	Slovak Academy of Sciences, Institute for Research in Social Communication		prof. PhDr. Ol'ga Zápotocná, CSc.	Zapotocna@savba.sk
VV 2019	APVV-19-0076	Diversity and evolution of selected groups of protists and animals	Comenius University in Bratislava	Faculty of Natural Sciences	doc. RNDr. Peter Vďačný, PhD.	peter.vdacny@uniba.sk
VV 2019	APVV-19-0087	Bioactive Transition Metal Complexes with Magnetic Bistability	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	doc. Ing. Ivan Šalitroš, PhD.	ivan.salitros@stuba.sk
VV 2019	APVV-19-0090	Legal methodology for the age of legal pluralism	Slovak Academy of Sciences, Institute of State and Law		JUDr. Eduard Bárány, DrSc.	ak.barany@gmail.com
VV 2019	APVV-19-0091	Elastomer composite and blended materials with additives from renewable resources	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	doc. Ing. Ján Kruželák, PhD.	jan.kruzelak@stuba.sk

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VV 2019	APVV-19-0093	Multidrug resistance of leukemia cells - Phenotype caused by interference of multimodal molecular reasons.	Centre of Biosciences SAS		Ing. Zdena Sulová, DrSc.	zdena.sulova@savba.sk
VV 2019	APVV-19-0094	Defense mechanisms of microbial and animal cells in reducing their sensitivity to plant defensive compounds.	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	prof. Ing. Albert Breier, DrSc.	albert.breier@stuba.sk
VV 2019	APVV-19-0098	Cell-in-cell phenomena as microevolutionary processes in cancer progression: a role for hypoxia-induced carbonic anhydrase IX	Biomedical Research Center	Institute of Virology	prof. RNDr. Silvia Pastoreková, DrSc.	silvia.pastorekova@savba.sk
VV 2019	APVV-19-0102	The efficiency of pre-trial proceedings - research, evaluation, criteria and influence of legislative changes	Comenius University in Bratislava	Faculty of Law	prof. JUDr. Jozef Čentéš, PhD.	jozef.centes@flaw.uniba.sk
VV 2019	APVV-19-0108	Innovations in Local Government Budgeting in Slovakia	Comenius University in Bratislava	Faculty of Philosophy	doc. PhDr. Daniel Klimovský, PhD.	daniel.klimovsky@uniba.sk
VV 2019	APVV-19-0111	Cryopreservation of cattle gametes and embryos for gene banking	National Agricultural and Food Centre	Research Institute for Animal Production Nitra	Ing. Alexander Makarevič, DrSc.	alexander.makarevic@nppc.sk
VV 2019	APVV-19-0116	Application of entomopathogenic fungi from the genus Beauveria against invasive insect species.	National Forest Centre		Ing. Jozef Vakula, PhD.	vakula@nlcsk.org
VV 2019	APVV-19-0119	The potential for fungus Entomophaga maimaga to regulate gypsy moth Lymantria dispar (L.) in Slovakia	National Forest Centre		Ing. Milan Zubrik, PhD.	zubrik@nlcsk.org
VV 2019	APVV-19-0124	Tax Law and New Phenomena in the Economy (Digital Services, Sharing Economy, Virtual Currencies)	Pavol Jozef Safarik University in Kosice	Faculty of Law	doc. JUDr. Miroslav Štrkolec, PhD.	miroslav.strkolec@upjs.sk
VV 2019	APVV-19-0131	Ars moriendi. Phenomenon of Death in the Medieval Kingdom of Hungary	Slovak Academy of Sciences, Institute of History	Slovak Academy of Sciences, Institute of Historical Studies	PhDr. Mgr. Miriam Hlavačková, PhD.	histmira@savba.sk
VV 2019	APVV-19-0134	Aliens among us: Spatio-temporal dynamics of plant invasions and their adverse impact on ecosystems	Plant Science and Biodiversity Centre SAS	Institute of Botany, SAS	Ing. Richard Hrvnák, PhD.	richard.hrvnak@savba.sk
VV 2019	APVV-19-0142	Soil microbiota in natural forest ecosystems: its response to changing biotic and abiotic factors of habitat	Technical University in Zvolen		doc. Ing. Erika Gömöryová, CSc.	gomoryova@tuzvo.sk
VV 2019	APVV-19-0149	Innovations in analytical systems for sustainable and safety environment	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	doc. Ing. Svetlana Hrouzková, PhD.	svetlana.hrouzkova@stuba.sk
VV 2019	APVV-19-0150	New Bouguer anomaly map of the Alpine-Carpathian area: a tool for gravity and tectonic applications	Comenius University in Bratislava	Faculty of Natural Sciences	prof. RNDr. Roman Pašeka, PhD.	roman.pasteka@uniba.sk
VV 2019	APVV-19-0153	Embedded graphs – colorings and structure	Pavol Jozef Safarik University in Kosice	Faculty of Science	doc. RNDr. Roman Soták, PhD.	roman.sotak@upjs.sk
VV 2019	APVV-19-0154	Study of biological effects of H2S/NO/selenium products and molecular mechanisms of their actions	Biomedical Research Center	Institute for Clinical and Translational Research	RNDr. Karol Ondriaš, DrSc.	karol.ondrias@savba.sk
VV 2019	APVV-19-0155	Language Errors in Slovak as a Foreign Language Based on Learner Corpus	Comenius University in Bratislava	Faculty of Philosophy	doc. PhDr. Jana Pekarová, PhD.	jana.pekarovicova@uniba.sk
VV 2019	APVV-19-0158	Slovak preach literature in the 19th century	University of SS. Cyril and Methodius in Trnava	Faculty of Arts of UCM	prof. PhDr. Peter Zubko, PhD.	peter.zubko@ucm.sk
VV 2019	APVV-19-0166	Analysis of the Conceptual and Qualitative Domains of Aesthetic and Moral Emotion	Comenius University in Bratislava	Faculty of Law	prof. Mgr. Andrej Démuth, PhD.	andrej.demuth@uniba.sk
VV 2019	APVV-19-0170	Production of fuel quality gas by solid waste and biomass gasification	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	prof. Ing. Juma Haydary, PhD.	juma.haydary@stuba.sk
VV 2019	APVV-19-0180	Application of molecular-biological methods in the development of reference materials intended for detection of adulteration and evaluation of food quality	Slovak University of Agriculture in Nitra	Faculty of Biotechnology and Food Sciences	Ing. Peter Zajáč, PhD.	peter.zajac@uniag.sk
VV 2019	APVV-19-0183	Trade-offs between biomass production and biodiversity in beech-fir forests under changing environmental conditions	Technical University in Zvolen		Ing. Michal Bošel'a, PhD.	michal.bosela@tuzvo.sk
VV 2019	APVV-19-0189	Activation of drugs against tuberculosis	Comenius University in Bratislava	Faculty of Natural Sciences	doc. RNDr. Jana Korduláková, PhD.	jana.kordulakova@uniba.sk
VV 2019	APVV-19-0193	New players in nanotherapy of neurodegenerative diseases: conditioned media (KM) and extracellular vesicles (EV) of somatic stem cells	University of veterinary medicine and Pharmacy in Kosice		prof. MVDr. Daša Čížková, DrSc.	cizkova.dasa@gmail.com
VV 2019	APVV-19-0196	Neuroendocrine regulation of energy metabolism in the Drosophila melanogaster model	Slovak Academy of Sciences, Institute of Zoology		Mgr. Martina Gáliková, PhD.	martina.galikova@savba.sk
VV 2019	APVV-19-0210	HIL Emulator for Small Hydropower Plant Control	Technical University of Kosice	Faculty of Electrical Engineering and Informatics	prof. Ing. Daniela Perdukova, PhD.	daniela.perdukova@tuke.sk
VV 2019	APVV-19-0212	Harnessing the immunological mechanisms in various subtypes of B cell lymphoma	Biomedical Research Center	Cancer Research Institute	RNDr. Dana Cholujová, PhD.	dana.cholujova@savba.sk

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VV 2019	APVV-19-0214	Biocompatibility and objectification of the grid Frequency Electromagnetic field in densely populated areas	University of Zilina	Faculty of Electrical Engineering	doc. Ing. Milan Smetana, PhD.	milan.smetana@fel.uniza.sk
VV 2019	APVV-19-0220	Ontological representation for security of information systems	Slovak University of Technology in Bratislava	Faculty of Electrical Engineering and Information Technology	prof. Ing. Pavol Zajac, PhD.	pavol.zajac@stuba.sk
VV 2019	APVV-19-0222	Determination of mitochondrial fitness in diagnostics and prediction of Parkinson's disease	Comenius University in Bratislava	Jessenius Faculty of Medicine in Martin	doc. RNDr. Martin Kolísek, PhD.	martin.kolisek@uniba.sk
VV 2019	APVV-19-0234	Development of probiotic preparation based on autochthonous lactobacilli for salmonids intended to improve fish health and production of quality food	University of veterinary medicine and Pharmacy in Kosice		doc. MVDr. Dagmar Mudroňová, PhD.	dagmar.mudronova@uvlf.sk
VV 2019	APVV-19-0243	Molecular and clinical manifestation of ethnopharmaceutics effect detected on animal model	Slovak University of Agriculture in Nitra		prof. Ing. Marcela Capcarová, PhD.	marcela.capcarova@uniag.sk
VV 2019	APVV-19-0244	Methodological Procedures in Literary-Scholarship Research with an Impact on the Media Environment	Pavol Jozef Safarik University in Kosice	Faculty of Arts	prof. PhDr. Ján Gbúr, CSc.	jan.gbur@upjs.sk
VV 2019	APVV-19-0250	The occurrence of microplastics and selected micropollutants in surface and drinking waters of Slovakia and their effective removal by progressive processes	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	doc. Ing. Tomáš Mackuľák, PhD.	tmackulak@gmail.com
VV 2019	APVV-19-0257	Development of advanced geospatial technologies for multiscale monitoring of forest ecosystems	National Forest Centre		Ing. Ivan Sačkov, PhD.	sackov@nlcsk.org
VV 2019	APVV-19-0263	Possibilities of smart governance methods application on local and regional level	Technical University of Kosice	Faculty of Economics	doc. Ing. Peter Džupka, PhD.	peter.dzupka@tuke.sk
VV 2019	APVV-19-0269	Research of the environmentally stable wood biocomposites preparation by the innovative methods of targeted modification of polycondensation adhesives with natural polymers and additives	Technical University in Zvolen	Faculty of Wood Sciences and Technology	doc. Ing. Roman Réh, CSc.	roman.reh@tuzvo.sk
VV 2019	APVV-19-0270	Interaction of fluoride melts of rare earth elements with oxides of critical elements in the context of special applications	Slovak Academy of Sciences, Institute of Inorganic Chemistry		Miroslav Boča	miroslav.boca@savba.sk
VV 2019	APVV-19-0279	Neurotransmitter-mediated regulation of postnatal neurogenesis in the rat olfactory system under physiological and pathological conditions	Biomedical Research Center		RNDr. Enikő Račeková, CSc.	racekova@saske.sk
VV 2019	APVV-19-0284	Factors of selection and attainment of the long-term goals in the period of transition to adulthood	Pavol Jozef Safarik University in Kosice		doc. Mgr. Jozef Bavoľár, PhD.	jozef.bavolar@upjs.sk
VV 2019	APVV-19-0286	Is HIF-1α a master regulator of DNA repair capacity and chemotherapy response in testicular germ cell tumors?	Biomedical Research Center	Cancer Research Institute	RNDr. Dana Jurkovičová, PhD.	dana.jurkovicova@savba.sk
VV 2019	APVV-19-0290	Research and development of lower limb prosthetic sockets manufactured by additive technologies	Technical University of Kosice	Faculty of Mechanical Engineering	Dr.h.c. prof. Ing. Jozef Živčák, PhD., MPH	joze.zivcak@tuke.sk
VV 2019	APVV-19-0298	Interaction between proteases, chaperones and kinases in stress condition cause by pathological conditions.	Slovak Academy of Sciences, Institute of Molecular Biology		Ing. Eva Kutejová, DrSc.	eva.kutejova@savba.sk
VV 2019	APVV-19-0302	Hybrid Composites for Complex Treatment of Industrial Waters	Slovak Academy of Sciences, Institute of Geotechnics		Mgr. Inna Melnyk, PhD.	melnyk@saske.sk
VV 2019	APVV-19-0303	Long-range proximity effect in superconductor / ferromagnet heterostructures	Comenius University in Bratislava	Faculty of Mathematics Physics and Informatics	doc. Ing. Maroš Gregor, PhD.	gregor@fmph.uniba.sk
VV 2019	APVV-19-0305	Integrated Modular System of a Factory Twin	University of Zilina	Faculty of Mechanical Engineering	prof. Ing. Branislav Mičieta, PhD.	branislav.micieta@fstroj.uniza.sk
VV 2019	APVV-19-0308	Exceptional structures in discrete mathematics	Comenius University in Bratislava	Faculty of Mathematics Physics and Informatics	prof. RNDr. Martin Škoviera, PhD.	skoviera@dcs.fmph.uniba.sk
VV 2019	APVV-19-0311	Robust Spin Waves for Future Magnonic Applications	Slovak Academy of Sciences, Institute of Electrical Engineering		Mgr. Michal Mruczkiewicz, PhD.	michal.mruczkiewicz@savba.sk
VV 2019	APVV-19-0314	The Global Education Discourse and its Practice in Czechia and Slovakia	Comenius University in Bratislava	Faculty of Social and Economic Sciences	Mgr. Tomáš Profant, PhD.	profant@iir.cz
VV 2019	APVV-19-0317	The role of miRNAs in the onset and progression of cardiovascular diseases - new approach to the protection of the heart in situations of increased production of reactive oxygen species	Slovak Academy of Sciences, Center of Experimental Medicine	Institute for Heart Research	Mgr. Branislav Kura, PhD.	branislav.kura@savba.sk

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VV 2019	APVV-19-0319	Human land use legacies in decline of temperate forest vegetation diversity during global environmental changes.	Technical University in Zvolen		Ing. František Máliš, PhD.	malis@tuzvo.sk
VV 2019	APVV-19-0324	The development of translationally relevant regenerative and reparative strategies after spinal cord trauma	Biomedical Research Center		RNDr. Nadežda Lukáčová, DrSc.	lukacova@saske.sk
VV 2019	APVV-19-0328	Research and development of the advanced combustion technology in order to reduce the emission footprint of the motorcars.	Technical University of Kosice	Faculty of Mechanical Engineering	doc. Ing. Michal Puškár, PhD.	michal.puskar@tuke.sk
VV 2019	APVV-19-0329	Success, Failure, and Aspirations of Children Living in Poverty	Technical University of Kosice	Faculty of Economics	doc. Ing. Tomáš Želinský, PhD.	tomas.zelinsky@tuke.sk
VV 2019	APVV-19-0338	Advanced Oxygen Tolerant Photochemically Induced Atom Transfer Radical Polymerization	Slovak Academy of Sciences, Polymer Institute		Mgr. Jaroslav Mosnáček, DrSc.	upolmosj@savba.sk
VV 2019	APVV-19-0340	CONnecTivity and flood RunOff dynamics in headwater catchments of Slovakia	Slovak University of Technology in Bratislava	Faculty of Civil Engineering	prof. Ing. Silvia Kohnová, PhD.	silvia.kohnova@stuba.sk
VV 2019	APVV-19-0352	Transition from high to low dependence on public transfers in old age: can the multi-pillar pension system handle the negative consequences of population ageing?	Slovak Academy of Sciences, Institute of Economic Research		Ing. Tomáš Domonkos, PhD.	tomas.domonkos@savba.sk
VV 2019	APVV-19-0358	History of the Hlinka's Slovak People's Party in domestic and European dimensions (1905-1945)	Matej Bel University in Banská Bystrica	Faculty of Arts	doc. PhDr. Anton Hruboň, PhD.	anton.hrubon@umb.sk
VV 2019	APVV-19-0365	Fabrication, physics and correlated states in metallic 2D transition metal dichalcogenides	Slovak Academy of Sciences, Institute of Electrical Engineering		Dr. Martin Hulman, PhD.	martin.hulman@savba.sk
VV 2019	APVV-19-0367	Integrated Process Safety Management Approach Framework for the Smart Enterprise.	Technical University of Kosice	Faculty of Mechanical Engineering	prof. Ing. Hana Pačaiová, PhD.	hana.pacaiova@tuke.sk
VV 2019	APVV-19-0369	Novel nano / micro-structured metallic materials prepared by unconventional processing routes	Institute of Physics, Slovak Academy of Sciences		Ing. Peter Švec, DrSc.	peter.svec@savba.sk
VV 2019	APVV-19-0371	Application of machine learning approaches in condensed matter physics	Comenius University in Bratislava	Faculty of Mathematics Physics and Informatics	prof. Ing. Roman Martoňák, DrSc.	martonak@fmph.uniba.sk
VV 2019	APVV-19-0376	Development of bioimmunotherapy inspired by viral tricks: TREATing despite the TRICKs	Biomedical Research Center	Institute of Virology	Mgr. Ivana Nemčovičová, PhD.	viruivka@savba.sk
VV 2019	APVV-19-0383	Natural and technical measures oriented to water retention in sub-mountain watersheds of Slovakia	Slovak University of Technology in Bratislava	Faculty of Civil Engineering	prof. Ing. Andrej Šoltész, PhD.	andrej.soltesz@stuba.sk
VV 2019	APVV-19-0386	Ion and electron processes for advanced spectrometric methods	Comenius University in Bratislava	Faculty of Mathematics Physics and Informatics	prof. Dr. Štefan Matejčík, DrSc.	matejcik@fmph.uniba.sk
VV 2019	APVV-19-0387	Tree and stand level biomass (carbon) models for young man-made forest of European beech and Norway spruce	National Forest Centre		Ing. Jozef Pajtík, PhD.	pajtik@nlcsk.org
VV 2019	APVV-19-0392	Development of on-chip energy harvesters towards self-powered electronic systems	Slovak University of Technology in Bratislava	Faculty of Electrical Engineering and Information Technology	prof. Ing. Viera Stopjaková, PhD.	viera.stopjakova@stuba.sk
VV 2019	APVV-19-0401	Digital Twins of Vehicles with Artificial Intelligence for Autonomous Vehicles	Slovak University of Technology in Bratislava	Faculty of mechanical Engineering	doc. Ing. Lubos Magdolen, PhD.	lubos.magdolen@stuba.sk
VV 2019	APVV-19-0406	Research and development of sensors and actuators made of polymer monofilament	Slovak University of Technology in Bratislava	Faculty of Electrical Engineering and Information Technology	prof. Ing. Justín Murín, DrSc.	justin.murin@stuba.sk
VV 2019	APVV-19-0410	Semiconductor Narrow Bandgap Ternary Chalcogenides	Comenius University in Bratislava	Faculty of Natural Sciences	RNDr. Milan Sýkora, PhD., MBA	sykoram@uniba.sk
VV 2019	APVV-19-0411	Identification and validation of biomarkers and underlying molecular pathways of late toxicity of curative treatment in testicular germ cell tumors	Comenius University in Bratislava	Faculty of Medicine in Bratislava	doc. MUDr. Michal Chovanec, PhD.	michal.chovanec1@gmail.com
VV 2019	APVV-19-0418	Intelligent solutions to enhance business innovation capability in the process of transforming them into smart businesses	Technical University of Kosice	Faculty of Mechanical Engineering	doc. Ing. Miriam Pekarčíková, PhD.	miriam.pekarckova@tuke.sk miriam.pekarckova@gmail.com
VV 2019	APVV-19-0419	100 years of Treaty of Trianon	Pavol Jozef Safarik University in Kosice	Faculty of Law	doc. JUDr. Erik Štenpien, PhD.	erik.stenpien@upjs.sk
VV 2019	APVV-19-0424	Innovative corporation: intra-corporate transformations, digital challenges and the rise of artificial intelligence	Pavol Jozef Safarik University in Kosice	Faculty of Law	prof. JUDr. Ján Husár, CSc.	jan.husar@upjs.sk
VV 2019	APVV-19-0435	Novel antidepressant therapy - long term consequences on offspring	Centre of Biosciences SAS		prof. RNDr. Ľubica Lacinová, DrSc.	lubica.lacinova@savba.sk

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VV 2019	APVV-19-0436	New information and communication technologies for future information infrastructure	Slovak University of Technology in Bratislava	Faculty of Electrical Engineering and Information Technology	prof. Ing. Peter Farkaš, DrSc.	p.farkas@ieee.org
VV 2019	APVV-19-0440	Emerging zoonotic pathogens transmitted by neglected arthropod species in Slovakia	University of veterinary medicine and Pharmacy in Košice		doc. MVDr. Branislav Peťko, DrSc.	branislav.petko@uvlf.sk
VV 2019	APVV-19-0441	Allocation of limited resources to public service systems with conflicting quality criteria	University of Žilina	Faculty of Management Science & Informatics	prof. RNDr. Jaroslav Janáček, CSc.	jaroslav.janacek@fri.uniza.sk
VV 2019	APVV-19-0444	Dimensioning Rail Infrastructure Capacity in the Context of Modal Split Forecasting	University of Žilina	Faculty of Operation and Economics of Transport and Communications	prof. Ing. Jozef Gašparík, PhD.	jozef.gasparik@fpedas.uniza.sk
VV 2019	APVV-19-0456	Innovative disclosure of written heritage of Slovakia through the automatic transcription of historical manuscripts	Matej Bel University in Banská Bystrica		doc. Mgr. Imrich Nagy, PhD.	imrich.nagy@umb.sk
VV 2019	APVV-19-0458	Convergence of serotonin and pulmonary hypertension related growth factors in modulation of right ventricular function and failure	Comenius University in Bratislava	Faculty of Pharmacy	doc. PharmDr. Peter Křenek, PhD.	krenek@fpharm.uniba.sk
VV 2019	APVV-19-0460	Numerical modelling, image processing and data analysis	Slovak University of Technology in Bratislava	Faculty of Civil Engineering	prof. RNDr. Karol Mikula, DrSc.	karol.mikula@stuba.sk
VV 2019	APVV-19-0461	Carbon-silicon based composite anodes for Li-ion batteries.	Centre for advanced material application SAS	Center for advanced materials application	Ing. Jaroslav Sedláček, PhD.	jaroslav.sedlacek@savba.sk
VV 2019	APVV-19-0462	Diagnostics, aetiology, therapy, and prevention of bovine digital dermatitis and its impact on the health and welfare	University of veterinary medicine and Pharmacy in Košice		prof. MVDr. Pavol Mudroň, PhD.	pavol.mudron@uvlf.sk
VV 2019	APVV-19-0465	Hybrid Low Dimensional Layered Materials with new Functionalities	Slovak Academy of Sciences, Polymer Institute		Ing. Mária Omastová, DrSc.	maria.omastova@savba.sk
VV 2019	APVV-19-0471	Application the potential of Juniper (j. communis L.) in the National Agricultural and Food Centre food industry			Ing. Martin Polovka, PhD.	martin.polovka@nppc.sk
VV 2019	APVV-19-0476	Innovative strategy to breast cancer diagnostics and therapy based on changes in proteome of circulating leukocytes	Pavol Jozef Safarik University in Košice	Faculty of Medicine	doc. RNDr. Ján Sabo, PhD.	jan.sabo@upjs.sk
VV 2019	APVV-19-0479	Research and development of technology for the production of progressive triacetoneamine based derivatives	VUP, a.s.		prof. Ing. Milan Hronec, DrSc.	milan.hronec43@gmail.com
VV 2019	APVV-19-0487	Bionanocomposites based on organic polycations and layered silicates	Slovak Academy of Sciences, Institute of Inorganic Chemistry		RNDr. Jana Madejová, DrSc.	uachjmad@savba.sk
VV 2019	APVV-19-0490	Research and development of multi-component cementitious blends for special construction materials	Slovak Academy of Sciences, Institute of Construction and Architecture		prof. Dr. Ing. Martin T. Palou	martin.palou@savba.sk
VV 2019	APVV-19-0493	Research on early childhood in marginalized Roma communities: contextual factors of psychomotor development in the first 1000 days.	Pavol Jozef Safarik University in Košice	Faculty of Medicine	Mgr. Daniela Fiľakovská, PhD.	daniela.filakovska@upjs.sk
VV 2019	APVV-19-0494	Effective land consolidation	Comenius University in Bratislava	Faculty of Law	prof. JUDr. Marián Vrabko, CSc.	marian.vrabko@flaw.uniba.sk
VV 2019	APVV-19-0497	New High - Entropy Ceramics for Advanced Applications	Slovak Academy of Sciences, Institute of Materials Research		prof. RNDr. Ján Dusza, DrSc.	j dusza@saske.sk
VV 2019	APVV-19-0516	Vývoj nástrojov pre pokročilú analýzu a predikciu parametrov spektier EPR, NMR a pNMR komplexných systémov obsahujúcich ľažké prvky	Slovak Academy of Sciences, Institute of Inorganic Chemistry		Dr. Olga Malkin, DrSc.	olga.malkin@savba.sk
VV 2019	APVV-19-0519	Host cell interaction with Coxiella burnetii: identification and utilization of novel therapeutic and diagnostic targets	Biomedical Research Center	Institute of Virology	Ing. Ľudovít Škultéty, DrSc.	viruludo@savba.sk
VV 2019	APVV-19-0520	Modification of asphalt mixtures by waste polyolefins as a method of environmental burden reduction	VUIS-CESTY Ltd.		Ing. Ľubomír Polakovič, CSc.	office@vuis-cesty.sk
VV 2019	APVV-19-0522	Creation and Critique of Values in Contemporary Arts (Visual Arts, Theater, Film)	Slovak Academy of Sciences, Art Research Centre of SAS	Slovak Academy of Sciences, Institute of Theatre and Film	doc. Daniel Grúň, PhD.	dangrun@gmail.com
VV 2019	APVV-19-0524	Chronology of the History of Libraries from the Beginning to 2020 (Chronologia historiarum bibliothecarum ab initio usque ad annum 2020)	University of Žilina	Faculty of Humanities	Mgr. Eva Augustínová, PhD.	eva.augustinova@fhv.uniza.sk
VV 2019	APVV-19-0526	Relationships between structure and unusual physical properties in highly nonequilibrium oxides prepared by unconventional mechanochemical synthesis	Slovak Academy of Sciences, Institute of Geotechnics		RNDr. Martin Fabián, PhD.	fabianm@saske.sk

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VV 2019	APVV-19-0531	Personalized Optimisation of Cardiac Resynchronization Therapy in Heart Failure Based on Multiple Lead ECG Measurement	Slovak Academy of Sciences, Institute of Measurement Science		doc. Ing. Milan Tyšler, CSc.	milan.tysler@savba.sk
VV 2019	APVV-19-0536	High temperature superconducting coils in motors for electric and hybrid aircrafts	Slovak Academy of Sciences, Institute of Electrical Engineering		Mgr. Enric Pardo, PhD.	enric.pardo@savba.sk
VV 2019	APVV-19-0538	Progressive hybrid high-speed spinning actuator	Slovak University of Technology in Bratislava	Faculty of mechanical Engineering	prof. Ing. Stanislav Žiaran, PhD.	stanislav.ziaran@stuba.sk
VV 2019	APVV-19-0540	The role of non-ischemic adaptive stimuli in protection of ischemic myocardium: study of triggering mechanisms and cardioprotective cell signaling	Slovak Academy of Sciences, Center of Experimental Medicine	Institute for Heart Research	MUDr. Táňa Ravingerová, DrSc.	usrdravi@savba.sk
VV 2019	APVV-19-0544	Measuring, Modelling and Monitoring of the Bioeconomy	Slovak University of Agriculture in Nitra	Faculty of Economics and Management	prof. Ing. Ján Pokrivčák, PhD., MSc.	jpokriva@yahoo.com
VV 2019	APVV-19-0550	Investigation of cellular material properties	Technical University of Kosice	Faculty of Manufacturing Technologies	prof. Ing. Katarina Monkova, PhD.	katarina.monkova@tuke.sk
VV 2019	APVV-19-0559	Modification of selected metal materials' surface under electrical-hydro-dynamic mode of plasma-electrolytic technology	Slovak University of Technology in Bratislava	Faculty of mechanical Engineering	prof. Ing. Marcela Pokusová, CSc.	marcela.pokusova@stuba.sk
VV 2019	APVV-19-0563	Power centres and their hinterlands between the 8th and the 11th century	Slovak Academy of Sciences, Institute of Archaeology		doc. PhDr. Matej Ruttkay, CSc.	matej.ruttkay@gmail.com
VV 2019	APVV-19-0568	Cognitive consequences of sport-related traumatic brain injuries in adolescents in the Slovak Republic	Trnava University in Trnava	Faculty of Health Sciences and doc. PhDr. Marek Majdan, PhD. Social Work		mmajdan@truni.sk
VV 2019	APVV-19-0569	Advanced automated LIDAR based stand-off detection of gases at large distances			Ing. Michal Simko, PhD.	michal.simko@sec-technologies.com
VV 2019	APVV-19-0570	Cognitive and brain mechanisms of semantic processing	Slovak Academy of Sciences, Center of Experimental Medicine	Institute of Normal and Pathological Physiology	MUDr. Igor Riečanský, PhD.	igor.rieckansky@savba.sk
VV 2019	APVV-19-0573	Evidence-based policy making – economically efficient collection of voluntary donations	University of Economics in Bratislava	Faculty of National Economy	prof. Maroš Servátka, PhD.	maros.servatka@gmail.com
VV 2019	APVV-19-0576	Electricity self-sufficiency in conditions of liberalized electricity market	Technical University of Kosice	Faculty of Electrical Engineering and Informatics	Dr.h.c. prof. Ing. Michal Kolcun, PhD.	Michal.Kolcun@tuke.sk
VV 2019	APVV-19-0579	Personnel management processes set-up in hospitals and its impact on the migration of physicians and nurses to work abroad	Alexander Dubcek University of Trencin	Faculty of Social and Economic Relations	doc. Sergej Vojtovič, DrSc.	sergej.vojtovic@tnuni.sk
VV 2019	APVV-19-0580	Development of Technology for Sub-nanomolar Detection of Glyphosate and Dioxane in Environment and Food			prof. RNDr. Pavol Miskovsky, DrSc.	pavol.miskovsky@saftra-photonics.org
VV 2019	APVV-19-0581	Cross-generational entrepreneurship in Slovakia in the era of digitalization: pragmatic approach	Comenius University in Bratislava	Faculty of Management	prof. Ing. Anna Pilková, PhD., MBA	anna.pilkova@fm.uniba.sk
VV 2019	APVV-19-0585	Inhibitory cortical circuits mediating cognitive dysfunction in Alzheimer's disease	Slovak Academy of Sciences, Institute of Neuroimmunology		MUDr. Mgr. Tomáš Hromádka, PhD.	tomas.hromadka@savba.sk
VV 2019	APVV-19-0590	Modular Multifunctional Inspection Workplace using Computational Intelligence Techniques	Technical University of Kosice	Faculty of Manufacturing Technologies	prof. Ing. Ján Pitel', PhD.	jan.pitel@tuke.sk
VV 2019	APVV-19-0591	In vitro bio-compatibility testing of medical devices (MDs) and new generation bio-materials for MDs	Slovak Academy of Sciences, Center of Experimental Medicine		Ing. Helena Kandárová, PhD.	helena.kandarova@savba.sk
VV 2019	APVV-19-0598	The protective effect of Pleurotus ostreatus extract (Jacq., P.Kumm.) in chronic non-communicable diseases	Slovak University of Agriculture in Nitra		MUDr. Peter Chlebo, PhD.	peter.chlebo@hotmail.com
VV 2019	APVV-19-0601	Reconstruction of secondary spruce stands enhancing forest species and structural diversity	National Forest Centre		Ing. Roman Longauer, CSc.	longauer@nlcsk.org
VV 2019	APVV-19-0602	3D photonic polymeric microsensors integrated with optical fibers	University of Zilina	Faculty of Electrical Engineering	prof. Mgr. Ivan Martinček, PhD.	ivan.martincek@fel.uniza.sk
VV 2019	APVV-19-0606	Norway spruce response to acute stress in relation to bark beetle attack	Slovak Academy of Sciences, Institute of Forest Ecology		Ing. Miroslav Blaženec, PhD.	blazenec@ife.sk
VV 2019	APVV-19-0607	Optimized progressive shapes and unconventional composite raw materials of high-grade biofuels	Slovak University of Technology in Bratislava	Faculty of mechanical Engineering	doc. Ing. Miloš Matúš, PhD.	milos.matus@stuba.sk
VV 2019	APVV-19-0612	Modelling the detrimental natural hazards occurrence risk impact on the economic complex forestry - wood processing under conditions of the ongoing climate change	Technical University in Zvolen		prof. Ing. Ján Holécy, PhD.	jan.holecy@tuzvo.sk
VV 2020	APVV-20-0001	Microbial starters and adjunct cultures for production of Slovakian bryndza cheese with traditional organoleptic properties	National Agricultural and Food Centre	Food Research Institute	RNDr. Tomáš Kuchta, DrSc.	tomas.kuchta@nppc.sk

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VV 2020	APVV-20-0004	The Effect of an Increase in the Anthropometric Measurement of the Slovak Population on the Functional Properties of Furniture and the Business Processes	Technical University in Zvolen	Faculty of Wood Sciences and Technology	doc. Ing. Miloš Hitka, PhD.	hitka@tuzvo.sk
VV 2020	APVV-20-0006	Cryopreservation of animal genetic resources from slovak livestock breeds	Slovak University of Agriculture in Nitra	Faculty of Biotechnology and Food Sciences	prof. Ing. Peter Chrenek, DrSc.	peter.chrenek@uniag.sk
VV 2020	APVV-20-0010	Helium-Assisted Radiation Embrittlement of model alloys	Slovak University of Technology in Bratislava	Faculty of Electrical Engineering and Information Technology	Ing. Vladimír Kršjak, PhD.	vladimir.krsjak@stuba.sk
VV 2020	APVV-20-0012	EU Green Recovery in the post-Covid-19 Period	Comenius University in Bratislava		Mgr. Matúš Mišík, PhD.	matus.misik@uniba.sk
VV 2020	APVV-20-0015	Modern "omics" approaches as effective tools for identification and characterization of leguminous viral pathogens	University of SS. Cyril and Methodius in Trnava	Faculty of Natural Sciences of UCM	doc. Mgr. Daniel Mihálik, PhD.	daniel.mihalik@ucm.sk
VV 2020	APVV-20-0017	Development of active wound dressing based on antibacterial hydrogel containing plant extract promoting healing	Comenius University in Bratislava	Faculty of Pharmacy	prof. PharmDr. Pavel Mučaji, PhD.	mucaji@fpharm.uniba.sk
VV 2020	APVV-20-0023	Research on Hydraulic Characteristics of Fish Passes with Regard to Ichthyological Requirements	Slovak University of Technology in Bratislava	Faculty of Civil Engineering	prof. Ing. Peter Dušička, PhD.	peter.dusicka@stuba.sk
VV 2020	APVV-20-0037	Membrane receptors in balancing selection of farm animals	National Agricultural and Food Centre	Research Institute for Animal Production Nitra	Ing. Ľubomír Ondruška, PhD.	ondruska.lubomir@gmail.com
VV 2020	APVV-20-0042	Microelectromechanical sensors with radio frequency data transmission	Slovak University of Technology in Bratislava	Faculty of Electrical Engineering and Information Technology	prof. Ing. René Hartanský, PhD.	rene.hartansky@stuba.sk
VV 2020	APVV-20-0044	Influence of the exploitation of natural resources on ways of life in the Bronze Age and Iron Age	Slovak Academy of Sciences, Institute of Archaeology		Mgr. Lucia Benediková, PhD.	lucia.benedikova@gmail.com
VV 2020	APVV-20-0045	Topological structures and spaces of functions	Slovak Academy of Sciences, Mathematical Institute		doc. RNDr. Ľubica Holá, DrSc.	hola@mat.savba.sk
VV 2020	APVV-20-0046	Effective energy recovery of alternative fuels from waste in cogeneration units.	Slovak University of Technology in Bratislava	Faculty of mechanical Engineering	prof. Ing. Marián Polóni, CSc.	marian.poloni@stuba.sk
VV 2020	APVV-20-0056	Optimization of round high-temperature superconducting cable for pulse magnetic field	Slovak University of Technology in Bratislava	Faculty of Materials Science and Technology in Trnava	Dr. Ing. Marcela Pekarčíková	marcela.pekarckova@stuba.sk
VV 2020	APVV-20-0058	The potential of the essential oils from aromatic plants for medical use and food preservation	Slovak University of Agriculture in Nitra	Horticulture and Landscape Engineering Faculty	prof. Ing. Miroslava Kačániová, PhD.	miroslava.kačániová@gmail.com
VV 2020	APVV-20-0068	Vývoj nových bioresorbovateľných zliatin pre vnútrotelové implantáty	Pavol Jozef Safárik University in Košice	Faculty of Science	prof. RNDr. Pavol Sovák, CSc.	pavol.sovak@upjs.sk
VV 2020	APVV-20-0069	Probabilistic, Algebraic and Quantum Mechanical Methods of Uncertainty Determination	Slovak Academy of Sciences, Mathematical Institute		prof. RNDr. Anatolij Dvurečenskij, DrSc.	dvurecenskij@mat.savba.sk
VV 2020	APVV-20-0070	Sex specific genetic-endocrine insights into autism spectrum disorder	Comenius University in Bratislava	Faculty of Medicine in Bratislava	prof. MUDr. Daniela Ostatníková, PhD.	daniela.ostatnikova@fmed.uniba
VV 2020	APVV-20-0071	Precise irrigation management as an adaptation measure to climate change	Slovak University of Agriculture in Nitra	Horticulture and Landscape Engineering Faculty	prof. Ing. Viliam Bárek, CSc.	viliam.barek@uniag.sk
VV 2020	APVV-20-0072	Functional properties of compacted composites based on magnetic particles with surface-modified properties.	Pavol Jozef Safárik University in Košice	Faculty of Science	prof. RNDr. Peter Kollár, DrSc.	peter.kollar@upjs.sk
VV 2020	APVV-20-0073	Chorioallantoic membrane - in vivo model for study of biocompatibility of materials	University of veterinary medicine and Pharmacy in Košice		doc. MVDr. Eva Petrovová, PhD.	eva.petrovova@uvlf.sk
VV 2020	APVV-20-0076	Waste and Buildings - Modeling Efficiency of Alternative Opportunities for Public Authorities Cooperation	Slovak University of Agriculture in Nitra	Faculty of European Studies and Regional Development	prof. JUDr. Eleonóra Maríšová, PhD.	eleonora.marisova@uniag.sk
VV 2020	APVV-20-0078	Food development and its application edible gel-based for the target segment of the aging population.	Slovak University of Agriculture in Nitra		doc. Ing. Vladimír Vietoris, PhD.	vladimir.vietoris@uniag.sk
VV 2020	APVV-20-0079	Chronostratigraphic standards and sedimentary archives of global changes of biota and paleoenvironments of the Western Carpathians	Slovak Academy of Sciences, Earth Science Institute	Slovak Academy of Sciences, Geological Institute	doc. RNDr. Ján Soták, DrSc.	sotak@savbb.sk
VV 2020	APVV-20-0081	Ecology of sexual selection	Comenius University in Bratislava		prof. PaedDr. Pavol Prokop, DrSc.	pavol.prokop@uniba.sk
VV 2020	APVV-20-0094	Environmental justice in the context of social work	University of SS. Cyril and Methodius in Trnava	Faculty of Social Sciences	prof. PhDr. Jana Levická, PhD.	j.levicka@centrum.sk
VV 2020	APVV-20-0098	Molecular switching under the spotlight	Matej Bel University in Banská Bystrica	Faculty of Natural Sciences	doc. RNDr. Miroslav Medved', PhD.	miroslav.medved@umb.sk
VV 2020	APVV-20-0099	Biologically active substances of drone brood to support metabolic processes and the immune response of animals	National Agricultural and Food Centre	Research Institute for Animal Production Nitra	Ing. Peter Patráš, PhD.	peter.patrash@nppc.sk

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VV 2020	APVV-20-0100	Research of the source system of an electron beam welding device with high dynamics of process parameters control.	First Welding Company, Inc.		Ing. Rastislav Sekera	sekerka.rastislav@pzvar.sk
VV 2020	APVV-20-0103	Research of systems for monitoring selected parameters of the electron beam for highcadence welding processes	First Welding Company, Inc.		Ing. Michal Šimek, PhD.	simek.michal@pzvar.sk
VV 2020	APVV-20-0105	Study and optimization of flow systems for the synthesis of complex organic molecules	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	Ing. Peter Koóš, PhD.	peter.koos@stuba.sk
VV 2020	APVV-20-0108	Implementation of Agenda 2030 through biosphere reserves	Matej Bel University in Banska Bystrica	Faculty of Economics	doc. Ing. Katarína Vitálišová, PhD.	katarina.vitalisova@umb.sk
VV 2020	APVV-20-0111	Towards lithium based batteries with improved lifetime	Centre for advanced material application SAS	Center for advanced materials application	Dr. Peter Šiffalovič, PhD.	peter.siffalovic@savba.sk
VV 2020	APVV-20-0114	Sex-specific microbiome and gene interactions in the pathogenesis of behavioral and gastrointestinal symptoms in the animal model of autism spectrum disorder.	Comenius University in Bratislava		MUDr. Aleksandra Tomova, PhD.	aleksandra.tomova@fmed.uniba.sk
VV 2020	APVV-20-0116	Borderline. Borders in life and life on the Frontier of Ancient Egypt.	Slovak Academy of Sciences, Institute of Oriental Studies		RNDr. Alena Šefčáková, PhD.	alena.sefcakova@snm.sk
VV 2020	APVV-20-0118	3D CT detection and beech log yield optimization	National Forest Centre		Dr. Ing. Tomáš Bucha	bucha@nlcsk.org
VV 2020	APVV-20-0120	Calibration of the authigenic $^{10}\text{Be}/^{9}\text{Be}$ dating method for geochronological models od the latest Cenozoic of the Carpathian-Pannonic region	Comenius University in Bratislava	Faculty of Natural Sciences	RNDr. Michal Šujan, PhD.	michal.sujan@uniba.sk
VV 2020	APVV-20-0124	Novel multi-principal element alloys – design, characterization and properties	Slovak University of Technology in Bratislava	Faculty of Materials Science and Technology in Trnava	doc. Mgr. Marián Palcut, PhD.	marian.palcut@stuba.sk
VV 2020	APVV-20-0126	Vocabulary as a developmental marker of language acquisition of monolingual and bilingual pre-school children	Comenius University in Bratislava		doc. Mgr. Svetlana Kapalková, PhD.	kapalkova@fedu.uniba.sk
VV 2020	APVV-20-0127	Towards reliable finite temperature ab initio calculations of molecules and materials	Comenius University in Bratislava	Faculty of Natural Sciences	doc. Ing. Tomáš Bučko, PhD.	tomas.bucko@uniba.sk
VV 2020	APVV-20-0129	The potential role of valproic acid in attenuation of inflammation	Centre of Biosciences SAS	Institute of Animal Biochemistry and Genetics	Mgr. Mária Balážová, PhD.	Maria.Balazova@savba.sk
VV 2020	APVV-20-0130	Biblical Text and its Terminological Discourses in Modern Colloquial Language: The Example of the Pauline Letters	Slovak Academy of Sciences, Jan Stanislav Institute of Slavistics		prof. ThLc. Róbert Lapko, PhD., PhD.	robert.lapko@savba.sk
VV 2020	APVV-20-0137	Philosophical Anthropology in the Context of Current Crises of Symbolic Structures	Slovak Academy of Sciences, Institute of Philosophy		Mgr. Jon Stewart, PhD.	js@jonstewart.dk
VV 2020	APVV-20-0138	Development of novel 3D materials for post lithium ion batteries with high energy density	Pavol Jozef Safarik University in Kosice	Faculty of Science	doc. RNDr. Andrea Strakova Fedorkova, PhD.	andrea.fedorkova@upjs.sk
VV 2020	APVV-20-0139	Psychological and biological correlates of adaptive behaviour in children with autism spectrum disorders in a multidisciplinary insight	Comenius University in Bratislava	Faculty of Medicine in Bratislava	doc. MUDr. Katarína Babinská, PhD.	katarina.babinska@fmed.uniba.sk
VV 2020	APVV-20-0140	Possibilities of critical raw materials recovery by advanced methods of mining wastes processing	Slovak Academy of Sciences, Institute of Geotechnics		Ing. Alena Luptáková, PhD.	luptakal@saske.sk
VV 2020	APVV-20-0141	Post-translational regulation of pre-mRNA splicing factors	Biomedical Research Center	Cancer Research Institute	Ing. Luboš Čipák, PhD.	lubos.cipak@savba.sk
VV 2020	APVV-20-0143	Suicide gene therapy mediated by mesenchymal stromal and pancreatic tumor cell-excreted extracellular vesicles in the treatment of pancreatic ductal adenocarcinoma	Biomedical Research Center	Cancer Research Institute	Mgr. Marína Cihová, PhD.	marina.cihova@savba.sk
VV 2020	APVV-20-0148	From Interacting Binaries to Exoplanets	Astronomical Institute, Slovak Academy of Sciences	Slovak Academy of Sciences, Astronomical Institute	RNDr. Theodor Pribulla, CSc.	pribulla@ta3.sk
VV 2020	APVV-20-0150	Perspective electronic spin systems for future quantum technologies	Pavol Jozef Safarik University in Kosice	Faculty of Science	doc. RNDr. Jozef Strečka, PhD.	jozef.strecka@upjs.sk
VV 2020	APVV-20-0157	Efficient interconnection of urban energy systems using advanced open Technologies	Slovak University of Technology in Bratislava	Faculty of Electrical Engineering and Information Technology	prof. Ing. František Janíček, PhD.	frantisek.janicek@stuba.sk
VV 2020	APVV-20-0158	Identification of new treatment options in refractory testicular germ cell tumors	Comenius University in Bratislava	Faculty of Medicine in Bratislava	prof. MUDr. Michal Mego, DrSc.	misomego@gmail.com

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VV 2020	APVV-20-0159	The Research into Surface Properties of Wood and Wood-based Materials Modified with CO ₂ Laser Radiation and Low-temperature Plasma	Technical University in Zvolen	Faculty of Wood Sciences and Technology	doc. Ing. Ivan Kubovský, PhD.	kubovsky@tuzvo.sk
VV 2020	APVV-20-0161	Effect of breeding on genetic variance realisation and determination of performance and health of livestock.	Slovak University of Agriculture in Nitra	Faculty of Agrobiology and Food Resources	prof. Ing. Radovan Kasarda, PhD.	radovan.kasarda@uniag.sk
VV 2020	APVV-20-0166	Nonconventional yeasts as producers of high value-added lipids	Centre of Biosciences SAS	Institute of Animal Biochemistry and Genetics	Mgr. Roman Holič, PhD.	romanholic@gmail.com
VV 2020	APVV-20-0168	Analyze of traits and effects of deadwood as important component of forest environment	National Forest Centre		Ing. Vladimír Šebeň, PhD.	seben@nlcsk.org
VV 2020	APVV-20-0171	Concurrence of delicts and quasi-delicts in non-contractual relations and their overlap with contract and property law	Trnava University in Trnava	Faculty of Law	doc. JUDr. Marianna Novotná, PhD.	marianna.novotna@gmail.com
VV 2020	APVV-20-0175	Bentonite: Slovak strategic raw material - Innovative assessment of bentonite quality and origin for its efficient use	Comenius University in Bratislava	Faculty of Natural Sciences	doc. Mgr. Peter Uhlík, PhD.	peter.uhlik@uniba.sk
VV 2020	APVV-20-0176	Interactions of calcium transport systems in carcinogenesis	Biomedical Research Center	Institute for Clinical and Translational Research	prof. Ing. Oľga Križanová, DrSc.	olga.krizanova@savba.sk
VV 2020	APVV-20-0179	Interactive hypertext lexicon of literary studies with a corpus of key literary studies texts	Slovak Academy of Sciences, Institute of World Literature		Mgr. Roman Mikuláš, PhD.	usvlmik@savba.sk
VV 2020	APVV-20-0183	Nádorové imunoeditovanie v mnohopočetnom myelóme: imunitné kontrolné body a klinický význam	Biomedical Research Center	Cancer Research Institute	RNDr. Jana Jakubíková, PhD.	jana.jakubikova@savba.sk
VV 2020	APVV-20-0184	Composite biomaterials with complex natural additives	Slovak Academy of Sciences, Institute of Materials Research		Ing. Lubomír Medvecký, PhD.	imedvecky@saske.sk
VV 2020	APVV-20-0185	Social Processes in Autism and Schizophrenia	Comenius University in Bratislava		PhDr. Michal Hajdúk, PhD.	michal.hajduk@uniba.sk
VV 2020	APVV-20-0193	Material recycling of environmentally acceptable polymeric materials obtained from renewable sources			prof. Ing. Pavol Alexy, PhD.	pavol.alexy@stuba.sk
VV 2020	APVV-20-0199	Transformation of population development in Slovakia in a regional perspective from the end of the 19th to the half of the 20th century	University of SS. Cyril and Methodius in Trnava	Faculty of Arts of UCM	prof. PhDr. Pavol Tišliar, PhD.	pavol.tisliar@ucm.sk
VV 2020	APVV-20-0202	Activation of the VGF/BDNF/TrkB pathway by synthetic mRNA encapsulated in polyplex nanoparticles: effects on neural excitability, neuroplasticity and animal behavior	Centre of Biosciences SAS	Institute of Molecular Physiology and Genetics	Master of Science Eliahu Dremencov, PhD.	eliyahu.dremencov@savba.sk
VV 2020	APVV-20-0204	Evaluation Method of Raw Goat Milk Microbiological Quality and Use of Autochthonous Lactic Acid Bacteria at Non-Bovine Milk Processing	Dairy Research Institute, a.s.		Ing. Martin Tomáška, PhD.	tomaska@vumza.sk
VV 2020	APVV-20-0205	Research and development of new high - entropy alloys for efficient hydrogen storage in energy applications	Slovak Academy of Sciences, Institute of Materials Research		Ing. Karel Saksl, DrSc.	ksaksl@saske.sk
VV 2020	APVV-20-0208	Preparation of special saccharides and their derivatives from natural raw materials using biotechnological processes	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	prof. Ing. Michal Rosenberg, CSc.	michal.rosenberg@stuba.sk
VV 2020	APVV-20-0213	Interaction of theoretical chemistry, crystallography, spectroscopy and organic synthesis approaches in solving urge tasks of these days (pandemic threats and drug design)	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	doc. Ing. Lukáš Bučinský, PhD.	lukas.bucinsky@stuba.sk
VV 2020	APVV-20-0215	Biomass quantification in woody stands as an important vegetation element on abandoned agricultural land in Slovakia	National Forest Centre		Mgr. Ivan Barka, PhD.	ivan.barka@nlcsk.org
VV 2020	APVV-20-0216	Research on the implementation of high-impact surface technologies for precision automotive components	University of Zilina	Faculty of Mechanical Engineering	doc. Ing. Michal Šajgalík, PhD.	michal.sajgalik@fstroj.uniza.sk
VV 2020	APVV-20-0218	Determination of the effect of agricultural xenobiotics on alterations of animal system in vitro.	Slovak University of Agriculture in Nitra	Faculty of Biotechnology and Food Sciences	prof. Ing. Norbert Lukáč, PhD.	norbert.lukac@uniag.sk
VV 2020	APVV-20-0220	Modern electronic devices based on ultrawide bandgap semiconducting Ga ₂ O ₃ for future high-voltage applications	Slovak Academy of Sciences, Institute of Electrical Engineering		Ing. Filip Gucmann, PhD.	filip.gucmann@savba.sk
VV 2020	APVV-20-0230	Computer-aided design of novel antituberculosis compounds and their experimental evaluation.	Slovak Academy of Sciences, Institute of Chemistry		Mgr. Stanislav Kozmon, PhD.	chemsksa@savba.sk
VV 2020	APVV-20-0232	Processing and analysis of ultrasonography video sequences using artificial intelligence methods	Technical University of Kosice	Faculty of Electrical Engineering and Informatics	doc. Ing. František Babíč, PhD.	frantisek.babic@tuke.sk

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VV 2020	APVV-20-0234	Research of a barrier fabric for a community face half mask and protective clothing	VUTCH-CHEMTEX, Ltd.		Ing. Dana Rástočná Illová, PhD.	rastocna-illova@vutch.sk
VV 2020	APVV-20-0236	Identification of novel genetic variants in syndromic hearing loss by whole exome sequencing	Comenius University in Bratislava	Faculty of Medicine in Bratislava	prof. MUDr. Milan Profant, CSc.	profant@fnorl.sk
VV 2020	APVV-20-0241	Role of the circadian system in colorectal cancer progression mediated by estradiol and miRNA	Comenius University in Bratislava	Faculty of Natural Sciences	doc. Iveta Herichová, PhD.	herichova1@uniba.sk
VV 2020	APVV-20-0242	Necroptotic and pleiotropic effects of RIP3 kinase acting as a convergent point in cardiac cell loss: understanding the basic mechanisms in the ischemic heart with or without metabolic stress as a tool for designing therapeutic approaches.	Comenius University in Bratislava	Faculty of Pharmacy	prof. PharmDr. Adriana Duriš Adameová , PhD.	adameova@fpharm.uniba.sk
VV 2020	APVV-20-0243	Biochip systems for targeted glycan analysis of biomarkers for biomedical and biotechnological applications	Slovak Academy of Sciences, Institute of Chemistry		Ing. Jaroslav Katrlík, PhD.	katrlik@yahoo.com
VV 2020	APVV-20-0246	Cloning of genes conferring total resistance to powdery mildew on wheat	Comenius University in Bratislava	Faculty of Natural Sciences	doc. RNDr. Miroslav Švec, CSc.	misvec54@gmail.com
VV 2020	APVV-20-0247	Edge-eNabled Intelligent Sensing and Computing	Technical University of Košice	Faculty of Electrical Engineering and Informatics	prof. Ing. Iveta Zolotová, CSc.	iveta.zolotova@tuke.sk
VV 2020	APVV-20-0256	Packaging systems based on biodegradable polymers from renewable sources	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	prof. Ing. Ivan Hudec, PhD.	ivan.hudec@stuba.sk
VV 2020	APVV-20-0257	Tree and country – influence of trees on diversity of soil microorganisms in agricultural land	Plant Science and Biodiversity Centre SAS	Institute of Botany, SAS	Mgr. Slavomír Adamčík, PhD.	slavomir.adamcik@savba.sk
VV 2020	APVV-20-0259	Research on properties of stainless alloys components made by additive manufacturing	Slovak University of Technology in Bratislava	Faculty of Materials Science and Technology in Trnava	prof. Ing. Milan Marônek, CSc.	milan.maronek@stuba.sk
VV 2020	APVV-20-0261	Energy-efficient Safe and Secure Process Control	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	doc. Ing. Michal Kvasnica, PhD.	michal.kvasnica@stuba.sk
VV 2020	APVV-20-0263	Current identification, cultural and revitalization processes in a minority environment: Slovaks in Argentina and Canada	University of SS. Cyril and Methodius in Trnava	Faculty of Arts of UCM	prof. PhDr. Ladislav Lenovský, PhD.	ladislav.lenovsky@ucm.sk
VV 2020	APVV-20-0264	Nanooptické sondy a senzory integrované na optickom vlákne	University of Zilina	Faculty of Electrical Engineering	prof. Ing. Dušan Pudiš, PhD.	dusan.pudis@feit.uniza.sk
VV 2020	APVV-20-0266	Wide bandgap transistors application and reliability under application conditions	NanoDesign Ltd.		Ing. Juraj Marek, PhD.	juraj.marek@nanodesign.sk
VV 2020	APVV-20-0272	Immobilization and co-immobilization of viable whole-cell biocatalysts with enzyme cascades for production of chemical specialties, development of methods for their characterization and bioreactor engineering	Slovak Academy of Sciences, Institute of Chemistry		Ing. Marek Bučko, PhD.	chembuck@savba.sk
VV 2020	APVV-20-0278	Degradable metallic biomaterials with controlled drug release	Pavol Jozef Safarik University in Košice	Faculty of Science	prof. RNDr. Renáta Oriňáková, DrSc.	renata.orinakova@upjs.sk
VV 2020	APVV-20-0281	Mitigation of hydrological hazards - floods and droughts - by exploring extreme hydroclimatic phenomena	Technical University of Košice	Faculty of Civil Engineering	prof. Ing. Martina Zeleňáková, PhD.	martina.zelenakova@tuke.sk
VV 2020	APVV-20-0284	Fungal Hybrid Heme Peroxidases from Primeval Forest with Application in Environmental Biotechnologies	Slovak Academy of Sciences, Institute of Molecular Biology		RNDr. Marcel Zámocký, PhD., DrSc.	marcel.zamocky@savba.sk
VV 2020	APVV-20-0293	Theoretical study of frustrated magnetic systems	Slovak Academy of Sciences, Institute of Experimental Physics		RNDr. Marián Jurčišin, PhD.	jurcisin@saske.sk
VV 2020	APVV-20-0294	Assessment of Economic, Social and Environmental Impacts of Forest Management in Protected Areas in SR on Forestry and Related Industries	Technical University in Zvolen	Faculty of Wood Sciences and Technology	doc. Ing. Hubert Paluš, PhD.	palus@tuzvo.sk
VV 2020	APVV-20-0298	Daylight as initiator of chemical reactions in the synthesis of antibiotics	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	doc. Ing. Pavol Jakubec, PhD.	pavol.jakubec@stuba.sk
VV 2020	APVV-20-0299	Hydrogen evolution electrocatalysts for future electrolyser and fuel cells	Slovak Academy of Sciences, Institute of Materials Research		RNDr. Magdaléna Strečková, PhD.	mstreckova@saske.sk
VV 2020	APVV-20-0300	Shielding properties of materials used in radiation protection	Slovak University of Technology in Bratislava	Faculty of Electrical Engineering and Information Technology	prof. Ing. Vladimír Nečas, PhD.	vladimir.necas@stuba.sk
VV 2020	APVV-20-0302	Alternative food networks: a shift from consumerism to sustainable consumption	Slovak Academy of Sciences, Institute of Geography		Mgr. Kristína Bilková, PhD.	kristina.bilkova@savba.sk
VV 2020	APVV-20-0303	Innovative approaches to the restoration of functional surfaces by laser weld overlaying	Technical University of Košice	Faculty of Mechanical Engineering	prof. Ing. Janette Brezinová, PhD.	janette.brezinova@tuke.sk

Grant	Project Code	Project Title	Applicant	Faculty	Principal Investigator	PI - Email Address
VV 2020	APVV-20-0310	Research and development of advanced organic materials and structures for gas sensor fabricated by the inkjet technology	Slovak University of Technology in Bratislava	Faculty of Electrical Engineering and Information Technology	prof. Ing. Martin Weis, DrSc.	martin.weis@stuba.sk
VV 2020	APVV-20-0311	Novel qualitative and numerical methods for solving Hamilton-Jacobi-Bellman equations involving conic optimization problems	Comenius University in Bratislava	Faculty of Mathematics Physics and Informatics	prof. RNDr. Daniel Ševčovič, DrSc.	sevcovic@fmph.uniba.sk
VV 2020	APVV-20-0312	New chromatographic membrane adsorbents: physicochemical and process characteristics and optimization of separation of selected therapeutic proteins	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	prof. Ing. Milan Polakovič, PhD.	milan.polakovic@stuba.sk
VV 2020	APVV-20-0314	Molecular mechanisms of trialkyl-/triaryltin isothiocyanates' and carboxylates' antitumour properties - novel ligands of nuclear retinoid X receptors in rat mammary gland carcinomas and human tumour cell lines	Biomedical Research Center		Mgr. Dana Macejová, PhD.	ueenmace@savba.sk
VV 2020	APVV-20-0317	Research and development of new recovery processes of volatile aroma compounds from biotechnological broth	Comenius University in Bratislava	Faculty of Natural Sciences	RNDr. Róbert Kubinec, CSc.	robert.kubinec@uniba.sk
VV 2020	APVV-20-0319	Behavioural aspects of COVID-19: Mapping the COVID-related behaviours and psychological, social, and economic consequences of the pandemic	University of Presov in Presov		Mgr. Matúš Adamkovič, PhD.	matho.adamkovic@gmail.com
VV 2020	APVV-20-0322	Nanostructured, functionally graded, and bioinspired 3D Ti-based implants	Slovak Academy of Sciences, Institute of Inorganic Chemistry		doc. Ing. Miroslav Hnatko, PhD.	mirosla.hnatko@savba.sk
VV 2020	APVV-20-0324	Development of a novel class of low dimensional magnetic materials for sensory and spintronic applications	Pavol Jozef Safarik University in Kosice	Faculty of Science	prof. Ing. Martin Orendáč, CSc.	martin.orendac@upjs.sk
VV 2020	APVV-20-0326	Research possibilities of the utilisation of black walnut (<i>Juglans nigra L.</i>) and chestnut (<i>Castanea sativa Mill.</i>) from a production-ecological aspect in agroforestry systems in Slovakia	National Forest Centre		Ing. Michal Pástor, PhD.	michal.pastor@nlcsk.org
VV 2020	APVV-20-0331	Spread of alpha-Synuclein-associated pathology across gastrointestinal organs in a mouse model and patients with Parkinson's disease	Slovak Academy of Sciences, Institute of Neuroimmunology		Mgr. Alžbeta Kráľová Trančíková, PhD.	trancikova@gmail.com
VV 2020	APVV-20-0333	Crossing the frontiers. The Phenomenon of Mobility in the History of Slovakia	Slovak Academy of Sciences, Institute of History	Slovak Academy of Sciences, Institute of Historical Studies	PhDr. Slavomír Michálek, DrSc.	slavomir.michalek@savba.sk
VV 2020	APVV-20-0334	This is not true, but it could be: Conspiracy theories and hoaxes in the modern development of Slovakia in the European context	Matej Bel University in Banská Bystrica		Dr.h.c. prof. Ing. Pavel Nečas, PhD., MBA	pavel.necas@umb.sk
VV 2020	APVV-20-0335	Reducing the spread of disinformation, pseudoscience and bullshit		Slovak Academy of Sciences, Institute for Forecasting	doc. PaedDr. Vladimíra Kurincová Čavojová, PhD.	vladimira.cavojova@savba.sk
VV 2020	APVV-20-0336	Transformations of the Community of Hungarians in Slovakia over the Last Hundred Years, with Special Emphasis on Their Everyday Culture	Forum Minority Research Institute		doc. Attila Simon, PhD.	simonattt66@gmail.com
VV 2020	APVV-20-0338	Driving forces of economic growth and survival of firms in the sixth K-wave	University of Economics in Bratislava	Faculty of National Economy	prof. Ing. Pavol Ochotnický, CSc.	pavol.ochotnický@euba.sk
VV 2020	APVV-20-0340	Development of efficient genetically encoded photosensitizers	Pavol Jozef Safarik University in Kosice		doc. RNDr. Erik Sedlák, DrSc.	erik.sedlak@upjs.sk
VV 2020	APVV-20-0344	Examining the role of dopamine and adult neurogenesis in learned behavior of songbirds using optogenetic manipulation	Centre of Biosciences SAS	Institute of Animal Biochemistry and Genetics	Mgr. Ľubica Niederová, PhD.	lubica.niederova@savba.sk
VV 2020	APVV-20-0346	Legal and technical aspects of autonomous vehicles introduction	Comenius University in Bratislava	Faculty of Law	Dr.h.c. prof. JUDr. Lucia Kurilovská, PhD.	lucia.kurilovska@flaw.uniba.sk
VV 2020	APVV-20-0348	Valorisation of spent coffee grounds for the production of industrially interesting compounds with added value and biodiesel	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	Ing. Tatiana Klempová, PhD.	tatiana.klempova@stuba.sk
VV 2020	APVV-20-0353	Research on student motivation in an adaptive personalized environment with collaborative tools	Comenius University in Bratislava	Faculty of Mathematics Physics and Informatics	prof. RNDr. Ivan Kalaš, PhD.	ivan.kalas@fmph.uniba.sk

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VV 2020	APVV-20-0358	Reading in natural archives: thousands of years of environmental history and climate change recorded in alpine lakes of the Ukrainian Carpathians	Matej Bel University in Banska Bystrica	Faculty of Natural Sciences	prof. RNDr. Peter Bitušík, CSc.	peter.bitusik@umb.sk
VV 2020	APVV-20-0359	Covid-19 pandemic, macroeconomic development, food security and household wellbeing	University of Economics in Bratislava	Faculty of National Economy	Ing. Andrej Cupák, PhD.	andrej.cupak@gmail.com
VV 2020	APVV-20-0365	Integrated forestry-ecological research of rare mountain forests in the Tatra Mts. area	National Forest Centre		Ing. Zuzana Sitkova, PhD.	sitkova.zuzka@gmail.com
VV 2020	APVV-20-0374	Regional detection, attribution and projection of impacts of climate variability and climate change on runoff regimes in Slovakia	Slovak Academy of Sciences, Institute of Hydrology		RNDr. Pavla Pekárová, DrSc.	pekarova@uh.savba.sk
VV 2020	APVV-20-0387	Psychological context of unfounded information and beliefs related to the COVID-19 pandemic		Slovak Academy of Sciences, Institute for Forecasting	prof. Peter Halama, PhD.	peter.halama@savba.sk
VV 2020	APVV-20-0391	Monitoring of forest stands in three-dimensional space and time by innovative close-range approaches	Technical University in Zvolen	Faculty of Forestry	Ing. Martin Mokroš, PhD.	martin.mokros@tuzvo.sk
VV 2020	APVV-20-0403	FMA analysis of potential signals suitable for adaptive control of nesting strategies for milling wood-based agglomerates	Technical University in Zvolen		doc. Ing. Peter Koleda, PhD.	peter.koleda@tuzvo.sk
VV 2020	APVV-20-0408	Innovation of forest management plans to support participatory decision-making in the provision of forest ecosystem services	Technical University in Zvolen	Faculty of Forestry	doc. Ing. Róbert Sedmák, PhD.	sedmak@tuzvo.sk
VV 2020	APVV-20-0410	Preservation and conservation of contemporary cultural heritage objects containing plastics	Slovak University of Technology in Bratislava	Faculty of Chemical and Food Technology	doc. Ing. Katarína Vizárová, PhD.	katarina.vizarova@stuba.sk
VV 2020	APVV-20-0411	Gut microbiota and diabetic peripheral neuropathy: effect of cemtirestat in rat models of diabetes	Slovak Academy of Sciences, Center of Experimental Medicine		Ing. Marta Šoltésová Prnova, PhD.	marta.prnova@savba.sk
VV 2020	APVV-20-0413	The physical biomass processing as a source of bioactive compounds with antiviral, antibacterial and anti-inflammatory affect for another application.	University of SS. Cyril and Methodius in Trnava	Faculty of Natural Sciences of UCM	doc. Ing. Tibor Maliar, PhD.	tibor.miliar@ucm.sk
VV 2020	APVV-20-0414	Digital Collection of Slovak Prose	Constantine the Philosopher University in Nitra	Faculty of Arts	Mgr. Marek Debnár, PhD.	mdebnar@ukf.sk
VV 2020	APVV-20-0417	Development of unique TiMg composite dental implant	Slovak Academy of Sciences, Institute of Materials and Machine Mechanics		Ing. Martin Balog, PhD.	martin.balog@savba.sk
VV 2020	APVV-20-0420	Novel approach to post-stroke rehabilitation. A basic and translational study, aiming to restore posture control and body symmetry in post-stroke patients by sensory stimulation.	Slovak Academy of Sciences, Center of Experimental Medicine	Institute of Normal and Pathological Physiology	RNDr. Diana Bzdúšková, PhD.	diana.bzduskova@savba.sk
VV 2020	APVV-20-0421	Cardiometabolic effects of Mas receptor stimulation by modulation of the renin-angiotensin system - the key role of angiotensin-converting enzyme 2.	Biomedical Research Center	Institute of Experimental Endocrinology	Ing. Štefan Zorad, CSc.	stefan.zorad@savba.sk
VV 2020	APVV-20-0425	Topologically nontrivial magnetic and superconducting nanostructures	Pavol Jozef Safarik University in Kosice	Faculty of Science	Mgr. Tomáš Samuely, PhD.	tomas.samuely@upjs.sk
VV 2020	APVV-20-0427	New approaches to improving of fatigue resistance of welds manufactured from high-strength structural steels	University of Zilina	Faculty of Mechanical Engineering	doc. Ing. František Nový, PhD.	frantisek.novy@fstroj.uniza.sk
VV 2020	APVV-20-0428	Research of progressive methods for reducing noise and vibration transfer of the electric vehicles powertrain using rubber-metal components with the support of artificial intelligence	Slovak University of Technology in Bratislava	Faculty of mechanical Engineering	Ing. Ján Danko, PhD.	jan.danko@stuba.sk
VV 2020	APVV-20-0429	Effective public administration in forestry	Technical University in Zvolen	Faculty of Forestry	JUDr. Mgr. Zuzana Dobšinská, PhD.	zuzana.dobsinska@tuzvo.sk
VV 2020	APVV-20-0432	Suburbanization: Community, identity and everydayness	Slovak Academy of Sciences, Institute of Geography		Mgr. Pavel Šuška, PhD.	geogsusk@savba.sk
VV 2020	APVV-20-0436	The New Legislation of Administrative Punishment	Comenius University in Bratislava	Faculty of Law	doc. JUDr. Matej Horvat, PhD.	matej.horva@flaw.uniba.sk
VV 2020	APVV-20-0437	Photonic Lab-on-a-Chip: investigation and development of plasmonic sensor platform for immediate detection of composites in solutions	Slovak University of Technology in Bratislava	Faculty of Electrical Engineering and Information Technology	doc. Ing. Jaroslav Kováč, PhD.	jaroslav_kovac@stuba.sk
VV 2020	APVV-20-0442	Research of acoustic emission methods for recognition of phase transition responses in cryogenic pressure vessels	Welding Research Institute	Welding Research Institute – Industrial Institute of the Slovak Republic	Ing. Peter Brziak, PhD.	brziakp@vuz.sk
VV 2020	APVV-20-0447	Longitudinal Assessment of Neurodegeneration and the Correlates of Relevant Endpoints in AD	Slovak Academy of Sciences, Institute of Neuroimmunology		MUDr. Petr Novák, PhD.	petr.novak@savba.sk

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VV 2020	APVV-20-0449	Educational pathways of young people - factors and mechanisms of their choice	Comenius University in Bratislava		prof. PhDr. Ján Sopóci, PhD.	jan.sopoci@uniba.sk
VV 2020	APVV-20-0457	Monitoring and Tracing of Movement and Contacts of Persons in Medical Facilities	University of Zilina	Faculty of Security Engineering	prof. Ing. Tomáš Loveček, PhD.	Tomas.Lovecek@fbi.uniza.sk
VV 2020	APVV-20-0462	Biomonitoring study of Slovak population exposure to phthalate plasticizers alternative Hexamoll® DINCH	Comenius University in Bratislava	Faculty of Natural Sciences	RNDr. Renáta Górová, PhD.	renata.gorova@uniba.sk
VV 2020	APVV-20-0466	Ameliorating Effects of Aging by Physical Exercise: Molecular, Metabolic and Structural Adaptations, Multi-Organ Integrative Approach	Biomedical Research Center	Institute of Experimental Endocrinology	doc. MUDr. Barbara Ukropcová, PhD.	barbara.ukropcova@savba.sk
VV 2020	APVV-20-0472	Early identification of pathogens in sepsis using third generation real-time nanopore sequencing	Comenius University in Bratislava	Faculty of Medicine in Bratislava	doc. MUDr. Julius Hodosy, PhD., MPH	hodosy@gmail.com
VV 2020	APVV-20-0476	PROstate biomarker based on GLYcans for prostate CANcer management	Glycanostics s.r.o.		Ing. Tomáš Bertók, PhD.	bertok.tomas@gmail.com
VV 2020	APVV-20-0480	Cytokine profiling together with carbonic anhydrase IX immunotargeting as a promising tool in diagnostics and treatment of pancreatic cancer.	Biomedical Research Center	Institute of Virology	Mgr. Eliška Švastová, PhD.	viruelis@savba.sk
VV 2020	APVV-20-0481	Sustainability strategy of a sports organization in the conditions of the Slovak Republic	University of Zilina	Faculty of Management Science & Informatics	doc. Ing. Michal Varmus, PhD.	michal.varmus@fri.uniza.sk
VV 2020	APVV-20-0485	Nanomedical approach to fight pancreatic cancer via targeting tumor-associated carbonic anhydrase IX	Biomedical Research Center	Institute of Virology	RNDr. Lucia Csáderová, PhD.	lucia.csaderova@savba.sk
VV 2020	APVV-20-0494	Novel renal antisense therapy platform for CKD	Biomedical Research Center	Cancer Research Institute	Mgr. Andrea Bábelová, PhD.	andrea.babelova@savba.sk
VV 2020	APVV-20-0499	Follow the Money - Deciphering the Link between Shadow Banking Sector and the Illicit Financial Flows	Slovak Academy of Sciences, Institute of Economic Research		Ing. Mária Šíraňová, PhD., M.A.	maria.siranova@savba.sk
VV 2020	APVV-20-0500	Research of methodologies to increase the quality and lifetime of hybrid power semiconductor modules	University of Zilina	Faculty of Electrical Engineering	doc. Ing. Michal Frivaldský, PhD.	michal.frivaldsky@feit.uniza.sk
VV 2020	APVV-20-0505	Hydrogen embrittlement resistance of precipitation-hardened complex concentrated alloys	Slovak Academy of Sciences, Institute of Materials and Machine Mechanics		Ing. Juraj Lapin, DrSc.	juraj.lapin@savba.sk
VV 2020	APVV-20-0512	Advanced superparamagnetic nanoparticles for biomedical applications	Pavol Jozef Safarik University in Košice	Faculty of Science	doc. RNDr. Adriana Zelenakova, PhD.	adriana.zelenakova@upjs.sk
VV 2020	APVV-20-0513	The double-edged sword of the plasminogen system: From homeostasis maintenance to COVID-19	Slovak Academy of Sciences, Institute of Molecular Biology		Mgr. Vladimír Leksa, PhD.	vladoleksa@gmail.com
VV 2020	APVV-20-0514	Research of the influence of technological parameters of abrasive water jet machining on the surface integrity of tool steels	Technical University of Košice	Faculty of Manufacturing Technologies	Dr.h.c. prof. Ing. Jozef Zajac, CSc.	jozef.zajac@tuke.sk
VV 2020	APVV-20-0521	Importance of obsidian sources in Slovakia in the Neolithic and Eneolithic period	Slovak Academy of Sciences, Institute of Archaeology		PhDr. Ivan Cheben, CSc.	ivan.cheben@savba.sk
VV 2020	APVV-20-0526	Political socialization in the territory of Slovakia during the years 1848 - 1993	Slovak Academy of Sciences, Institute of History	Slovak Academy of Sciences, Institute of Historical Studies	doc. Peter Šoltés, PhD.	peter.soltes@savba.sk
VV 2020	APVV-20-0528	Nové polovodiče a katalyzátory pre produkciu zeleného vodíka	University of Zilina	Faculty of Electrical Engineering	Mgr. Peter Čendula, PhD.	peter.cendula@feit.uniza.sk
VV 2020	APVV-20-0532	Experimental investigation of deformation and electromagnetic properties of atomic nuclei.	Institute of Physics, Slovak Academy of Sciences		Mgr. Martin Venhart, PhD.	mvenhart@cern.ch
VV 2020	APVV-20-0543	Multi-target approach to diverse molecular mechanisms of diabetic complications and other glucose toxicity related diseases	Slovak Academy of Sciences, Center of Experimental Medicine		RNDr. Magdaléna Májeková, PhD.	magdalena.majekova@savba.sk
VV 2020	APVV-20-0545	Chronic ionizing radiation compromises resistance to pests in wild aquatic plants: Discovery and validation of biochemical mechanisms	Plant Science and Biodiversity Centre SAS	Institute of Botany, SAS	Master of Science Maksym Danchenko, PhD.	maksym.danchenko@savba.sk
VV 2020	APVV-20-0546	Innovative measurement of airspeed of unconventional flying vehicles	Technical University of Košice	Faculty of Aeronautics	doc. Ing. Ladislav Főző, PhD.	ladislav.fozo@tuke.sk
VV 2020	APVV-20-0548	Analysis of environmental influences on power industry equipment by the methods of artificial intelligence and cloud computing	Slovak Academy of Sciences, Institute of Informatics		Ing. Marcel Kvassay, PhD.	marcel.kvassay@savba.sk
VV 2020	APVV-20-0551	Minimization of the Supply of Long-Fiber Pulps in the Production of Tissue Papers	Pulp and Paper Research Institute		Ing. Jozef Balberčák	jozef.balbi@gmail.com
VV 2020	APVV-20-0561	Research into the implementation of new measuring methods for the calibration of measuring systems for industrial metrological practice	University of Zilina	Faculty of Mechanical Engineering	prof. Ing. Andrej Czan, PhD.	andrej.czan@fstroj.uniza.sk

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VV 2020	APVV-20-0564	Vývoj technológie organických elektrochemických tranzistorov a tranzistorov s elektrolytickým hradlom pre bioelektronické aplikácie	POWERTEC ltd.		Ing. Michal Mičjan, PhD.	michal.micjan@powertec.sk
VV 2020	APVV-20-0566	Electrical discharges in a contact with catalysts, and plasma catalysis for flue gas cleaning	Comenius University in Bratislava	Faculty of Mathematics Physics and Informatics	doc. RNDr. Karol Hensel, PhD.	hensel2@uniba.sk
VV 2020	APVV-20-0567	Effects of International Treaties in the Legal System of the European Union and Slovak Republic	Pan-European University	Faculty of Law	prof. Dr. Ing. JUDr. Michael Siman, PhD.	michael.siman@paneurouni.com
VV 2020	APVV-20-0571	Intelligent Cloud Workflow Management for Dynamic Metric-Optimized Application Deployment	Slovak Academy of Sciences, Institute of Informatics		doc. Ing. Ladislav Hluchý, CSc.	ladislav.hluchy@savba.sk
VV 2020	APVV-20-0576	Green ambitions for the sustainable development (European green deal in the context of the International and Municipal law)	Pavol Jozef Safarik University in Kosice	Faculty of Law	prof. JUDr. Ján Klučka, CSc.	jan.klucka@upjs.sk
VV 2020	APVV-20-0583	Possible Worlds and Modalities: Current Philosophical Approaches	Pavol Jozef Safarik University in Kosice	Faculty of Arts	prof. PhDr. Eugen Andreanský, PhD.	andreansky@yahoo.com
VV 2020	APVV-20-0585	Neuro-glia cell-based model for inter-neuronal spread of tau pathology	Slovak Academy of Sciences, Institute of Neuroimmunology		RNDr. Monika Žilková, PhD.	monika.zilkova@savba.sk
VV 2020	APVV-20-0586	Mapping population distribution and mobility in Slovakia using mobile network data	Slovak Academy of Sciences, Institute of Geography		Mgr. Konštantín Rosina, PhD.	konstantin.rosina@savba.sk
VV 2020	APVV-20-0591	Microbial enzymes degrading complex structures of plant xylans	Slovak Academy of Sciences, Institute of Chemistry		Mgr. Vladimír Puchart, PhD.	vladimir.puchart@savba.sk
VV 2020	APVV-20-0593	Nanocomposites based on elastomeric blends with improved resistance to diffusion of gases including hydrogen	Slovak Academy of Sciences, Polymer Institute		prof. Ing. Ivan Chodák, DrSc.	upolchiv@savba.sk
VV 2020	APVV-20-0598	Roles of Slovak vernacular in early modern Hungary	Comenius University in Bratislava	Faculty of Philosophy	prof. Mgr. Martin Homza, PhD.	martin.homza@uniba.sk
VV 2020	APVV-20-0599	Science and Mathematics: Intervention Programme	Constantine the Philosopher University in Nitra	Faculty of Natural Sciences	PaedDr. Ľubomíra Valovičová, PhD.	lvalovicova@ukf.sk
VV 2020	APVV-20-0601	Research and development of modular system for middle-MS THERM s.r.o. sized hybrid energy sources on the basis of ecological energy mix optimised for user and locality			doc. Ing. Daniela Špirková, CSc.	daniela.spirkova@stuba.sk
VV 2020	APVV-20-0603	Development of Risk Assessment Tools for Selected Businesses and Professions in the Slovak Republic in accordance with the EU Requirements	University of Zilina	Faculty of Security Engineering	doc. Ing. Linda Makovická Osvaldová, PhD.	linda.makovicka@fbi.uniza.sk
VV 2020	APVV-20-0608	The research of behavioral patterns on big data within public and commercial procurement with negative impact on efficiency of procurement processes	Technical University of Kosice	Faculty of Economics	doc. Ing. Radoslav Delina, PhD.	radoslav.delina@tuke.sk
VV 2020	APVV-20-0613	Epidemics in the territory of Slovakia in 17th-19th Century	University of Presov in Presov		Dr.h.c. prof. PhDr. Peter Kónya, PhD.	peter.konya@unipo.sk
VV 2020	APVV-20-0615	Molecular pathways induced by traumatic brain injury: novel biomarkers and prediction of new therapeutic targets for neurodegeneration	Slovak Academy of Sciences, Institute of Neuroimmunology		doc. RNDr. Peter Filipčík, CSc.	peter.filipcik@savba.sk
VV 2020	APVV-20-0621	Hybrid modelling system for regional policy evaluation: regional, industry and labour effects	Slovak Academy of Sciences, Institute of Economic Research		Ing. Marek Radvanský, PhD.	marek.radvansky@savba.sk
VV 2020	APVV-20-0626	Biofidelic human body surrogate to increase the objectivity within the forensic analysis of road traffic accidents.	University of Zilina		Ing. Eduard Kolla, PhD.	kolla@uniza.sk
VV 2020	APVV-20-0628	Modeling of radioactive nuclides dispersion in urban environment after application of radiological dispersal device.	ABmerit Ltd.		Mgr. Ľudovít Lipták, PhD.	liptak@abmerit.sk