

Start of project solution: 01.04.2021

End of project solution: 30.06.2022

Submission of the final report on the project solution: 31.07.2022

Evaluation of project success: 30.9.2022

VVGS PF UPJŠ - approved and funded projects in the call 2021-2022

Project number	Institute	Project leader	Name of project	Finance (€)
vvgs-pf-2021-1775	ÚBEV	Mgr. Zrubáková Jarmila	Study of connections between ependymal cells and vascular system in rat spinal cord during late embryogenesis and in early postnatal periods	1000
vvgs-pf-2021-1766	ÚBEV	RNDr. Cimermanová Michaela	Biotechnological potential of streptomycetes from heavy metals contaminated environment	500
vvgs-pf-2021-1745	ÚBEV	RNDr. Nosáľová Lea	Genetic diversity, genomics and phylogeography of sulphur-oxidizing bacteria from sulphur mineral springs in Slovakia	500
vvgs-pf-2021-1784	ÚBEV	RNDr. Tuptová Viktória	Biomonitoring of chosen area of Eastern Slovakia using lower plants	500
vvgs-pf-2021-1743	ÚFV	RNDr. Semjan Marek	Effect of dimensional cross-over on magnetic ordering in superfrustrated Ising antiferromagnet with general spin S on kagome lattice	750
vvgs-pf-2021-1771	ÚFV	Mgr. Slabý Cyril	The optical properties of flexible photopolymer nano- and micro-wires	650
vvgs-pf-2021-1790	ÚFV	Mgr. Sztachová Tereza	Development of the optimal method of purification of the respiratory cytochrome c oxidase from the yeast <i>Saccharomyces cerevisiae</i>	650
vvgs-pf-2021-1746	ÚFV	RNDr. Merc Jaroslav	Comprehensive research of selected symbiotic candidates in the Milky Way and Magellanic Clouds	650
vvgs-pf-2021-1788	ÚFV	Mgr. Pevná Viktória	The effect of different radiation doses in NIR range on the expression of physiological and toxic α -synuclein forms in the SH-SY5Y cells and differentiated neurons	500

vvgs-pf-2021-1770	ÚFV	Mgr. Francisca Belén Fuenzalida Sandoval	SERS detection of glyphosate: looking for optimal detection method and determination of LOD	400
vvgs-pf-2021-1764	ÚFV	RNDr. Dzurillová Veronika	Development of haloalkane dehalogenases by directed evolution approach	400
vvgs-pf-2021-1776	ÚGE	Mgr. Bogľarský Jozef	Modeling the dynamics of the land surface temperature of the city using GIS tools and temperature measurements of materials	990
vvgs-pf-2021-1773	ÚCHV	RNDr. Gorejová Radka	Preparation and study of iron and zinc based porous materials via space-holder method	500
vvgs-pf-2021-1783	ÚCHV	RNDr. Podrojková Natália	Study and preparation of nanocatalysts for effective production of renewable fuels	500
vvgs-pf-2021-1756	ÚCHV	RNDr. Gavalierová Katarína (pôvodne RNDr. Capková Dominika)	Development of electrode materials for lithium-sulfur batteries	500
vvgs-pf-2021-1769	ÚCHV	Mgr. Smolko Richard	Study of magnetic and biological properties of 3d complexes based on N,O- and N,N'-donor ligands	500
vvgs-pf-2021-1772	ÚCHV	Mgr. Harošová Michaela	Research of new coordination compounds based on transition and inner transition metals from biological and magnetic point of view	430
vvgs-pf-2021-1792	ÚINF	Mgr. Staňa Richard	Prediction of time series of security events in computer networks using a combination of statistical methods and neural networks	450
vvgs-pf-2021-1789	ÚINF	RNDr. Horvát Šimon	Legal text analysis using computer linguistics	400
vvgs-pf-2021-1786	ÚMV	RNDr. Onderko Alfréd	Local properties and colorability of graphs	400
vvgs-pf-2021-1785	ÚMV	RNDr. Ontkovičová Zuzana	Interaction of a pair of measures in fuzzy theory and infinite combinatorics	400
vvgs-pf-2021-1787	ÚMV	Mgr. Krišáková Monika	Pedagogical content knowledge and beliefs of mathematics teachers in the context of functional thinking development	215
vvgs-pf-2021-1782	ÚMV	Mgr. Kleinová Miriam	Conditional aggregation operators	215

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Table: Projects sorted by success on the relevant department