

Joint Mobility Projects approved for funding for the period 2018 – 2020

ID	Project title	Czech principal investigator	Czech institute	Slovak principal investigator	Slovak institute	Day quota for visits of the Czech team in Slovakia			Day quota for visits of the Slovak team in the Czech Republic		
						2018	2019	2020	2018	2019	2020
SAV-18-01	Magnetoacoustic waves and dynamics of selected magnetic/plasma structures observed in solar active regions	MÉSZÁROSOVÁ	Astronomical Institute	RYBÁK Ján	Astronomical Institute	21	21	21	21	21	21
SAV-18-02	Photometric and spectroscopic study of exoplanetary candidates	KLOCOVÁ, Tereza	Astronomical Institute	HAMBÁLEK, Ľubomír	Astronomical Institute	20	20	20	20	20	20
SAV-18-03	Modelling of solar prominence fine structures using simultaneous SUMER and IRIS UV spectroscopy of hydrogen and magnesium lines	GUNÁR Stanislav	Astronomical Institute	SCHWARTZ Pavol	Astronomical Institute	14	14	14	21	21	21
SAV-18-04	Atmospheric electricity and secondary cosmic radiation	CHUM Jaroslav	Institute of Atmospheric Physics	LANGER Ronald	Institute of Experimental Physics	21	21	21	21	21	21
SAV-18-11	Novel integrated approaches for research of biomedical effects of pulsed electric fields	CIFRA Michal	Institute of Photonics and Electronics	TEPLAN Michal	Institute of Measurement Science	18	20	20	20	20	20
SAV-18-12	Development of new advanced ceramic composites for aerospace industry	DLOUHÝ Ivo	Institute of Physics of Materials	TATARKO Peter	Institute of Inorganic Chemistry	21	21	21	21	21	21
SAV-18-13	Progressive methods for treatment the functional and mechanical properties of powder materials	HADRABA Hynek	Institute of Physics of Materials	KOVAL' Vladimír	Institute of Materials Research	20	20	20	21	21	21

SAV-18-16	Monitoring of effects of natural and synthetic ligands of nuclear retinoid receptors on key proteins involved in epithelial-mesenchymal transition in human breast cancer cells by the mass spectrometry	BOBAL'OVÁ Janette	Institute of Analytical Chemistry	BRTKO Július	Institute of Experimental Endocrinology	21	21	20	21	21	21
SAV-18-17	Study of molecules involved in fertilization process of mammals	POSTLEROVÁ Pavla	Institute of Biotechnology	JANKOVIČOVÁ Jana	Centre of Biosciences, Institute of Animal Biochemistry and Genetics	21	21	21	21	21	21
SAV-18-18	Analysis of revitalization process in beech ecosystems over the immission load	HÉDL Radim	Institute of Botany	BARNA Milan	Institute of Forest Ecology	20	20	20	20	20	20
SAV-18-20	Classical and molecular karyology of <i>Diphyllbothrium</i> parasites: detection of phylogenetically informative markers	MAREC, František	Biology Centre, Institute of Entomology	OROSOVÁ Martina	Institute of Parasitology	10	10	12	20	21	21
SAV-18-21	Eggs ultrastructure of the basal tapeworm groups (Caryophyllidea, Diphyllbothriidea)	NEBESÁŘOVÁ Jana	Biology Centre, Institute of Parasitology	BRUŇANSKÁ Magdaléna	Institute of Parasitology	21	21	21	21	21	21
SAV-18-22	Exploring the molecular determinants and functional role of T-type channel dimerization	WEISS Norbert	Institute of Organic Chemistry and Biochemistry	LACINOVÁ Ľubica	Centre of Biosciences, Institute of Molecular Physiology and Genetics	21	21	21	21	21	21
SAV-18-24	In vivo activity of silymarin flavonolignans on model infection induced with cestode <i>Mesocostoides vogae</i> in mice	BIEDERMANN David	Institute of Microbiology	HRČKOVÁ Gabriela	Institute of Parasitology	21	21	21	21	21	21
SAV-18-25	Barth syndrome - Study of mitochondrial morphology in a novel yeast model	MALÍNSKÝ Jan	Institute of Experimental Medicine	BALÁŽOVÁ Mária	Institute of Animal Biochemistry and Genetics	21	21	21	21	21	21
SAV-18-26	Synthesis and characterization of novel organic-inorganicpolymeric hybrids for 3D printing	BRUS Jiří	Institute of Macromolecular Chemistry	BUREŠ Radovan	Institute of Materials Research	20	20	20	21	21	21

SAV-18-27	Study of the triggering mechanisms and transmission of cardioprotective signals induced by noninvasive adaptive stimuli	NECKÁŘ Jan	Institute of Physiology	RAVINGEROVÁ Táňa	Institute for Heart Research	21	21	21	21	21	21
SAV-18-28	Integration and Disintegration in Czech and Slovak History (1918-2018)	ZAHRADNÍČEK Tomáš	Institute of Contemporary History	HUDEK Adam	Institute of History	21	21	21	21	21	21
SAV-18-29	Language and culture under the Carpathians in terms of current Slovak-Czech research	ČERMÁK Václav	Institute of Slavonic Studies	ŽEŇUCH Peter	Jan Stanislav Institute of Slavistics	21	21	21	21	20	20
SAV-18-31	Social Change in the Phenomenological and Postphenomenological Context	URBAN Petr	Institute of Philosophy	VYDROVÁ Jaroslava	Institute of Philosophy	21	21	21	21	21	21