

List of joint research projects for the period of 2018-2020

Project ID no	Project name	BAS institute	Section	Bulgarian principal investigator	SAS institute	Slovak principal investigator
SAV-18-02	Cosmic rays as observed at two high mountain observatories: BEO Moussala and Lomnický štít	Institute for Nuclear Research and Nuclear Energy	I	Assist.Prof. Nina Nikolova, PhD	Institute of Experimental Physics	Mgr. Ronald Langer.
SAV-18-05	Correlation of Jurassic – Cretaceous Boundary sequences in the Tethyan Mediterranean Belt and adjacent regions based on geodynamics (lithostratigraphy, sequence analysis, paleogeography), micro-and macrofossil record and global climatic and sea-level changes	Geological Institute of BAS Sofia	I	Prof. Dr. Kristalina Stoykova, DrSc	Earth Science Institute SAS	Ass. Prof. RNDr. Jozef Michalík, DrSc
SAV-18-06	Correlation of magmatic and metamorphic evolution of the Rhodopes and Western Carpathians	Geological Institute BAS	I	Assist. Prof. Dr. Kalin Naydenov	Earth Science Institute SAS	RNDr. Igor Broska, DrSc
SAV-18-10	Cationic poly(2-oxazolines) for gene delivery and drug delivery applications	Institute of Polymers	II	Prof. Stanislav Rangelov, DSc	Polymer Institute of the SAS	Dr. Juraj Kronek
SAV-18-11	Study the role of iron oxide nanoparticles in a model of hypertension and comorbid Alzheimer's disease	Institute of Neurobiology	II	Assoc. Prof. Jana Tchekalarova, PhD	Institute of Normal and Pathological Physiology	RNDr. Iveta Bernátová, DrSc

SAV-18-12	Parasites in domestic and wild carnivores from Slovakia and Bulgaria in the era of global changes	Institute of experimental morphology, pathology and anthropology with museum	II	Assoc. Prof. d-r Mariana Panayotova-Pencheva, PhD	Institute of Parasitology SAS	MVDr. Zuzana Hurníková, PhD
SAV-18-13	Chasmophyte communities – important habitat of rare and endemic plant species	Institute of Biodiversity and Ecosystem Research	II	Ass. Prof. Anna Ganeva, PhD	Plant Science and Biodiversity Center	RNdr. Milan Valachovič, PhD
SAV-18-14	Anti-inflammatory effect of astaxanthin, sulforaphane and Crocus sativus extract evaluated in two rodent models of age related diseases	The Stefan Angelov Institute of Microbiology	II	Dr. Andrey Tchorbanov, PhD	Institute of Experimental Pharmacology and Toxicology	Dr. Katarína Bauerová, DSc
SAV-18-18	Medieval Church Law Sources and their Slavic Relations in the European Juridical Culture	Cyrillo-Methodian Research Centre	III	Chief assist. Prof. Desislava Naydenova, PhD	Jan Stanislav Institute of Slavistics	Prof. PhDr. Peter Žeňuch, DrSc
SAV-18-19	Varieties of Fictionalism	Institute for the Study of Societies and Knowledge	III	Assoc. Prof. Marina Bakalova, PhD	Institute of Philosophy	Martin Vacek, PhD
SAV-18-21	Bulgarian – Slovak interlingual homonymy in the context of Slavic languages	Institute for Bulgarian Language	III	Nadezhda Kostova, PhD	Jan Stanislav Institute of Slavistic	Mária Košková, PhD
SAV-18-23	IT-based Analyses of Bulgarian-Slovak/Slovak-Bulgarian Lexical Data	Institute for Bulgarian Language	III	Dr. Velislava Stoykova	L. Stur Institute of Linguistics, SAS	PhDr. Mária Šimková, PhD