



### SAS-CAS Mobility Projects for the years 2023-2024

	ID	Slovak principal investigator	Title of the project	SAS institute / centre	SAS section	Partner institute / centre
1	CAS-SAS-2022-05	<b>Mikuláš Oros</b>	Water-borne parasitic diseases in Central Europe	Institute of Parasitology	Section II	Institute of Parasitology, Biology Centre CAS
2	CAS-SAS-2022-04	<b>Nada Mrkvyková</b>	Targeted Defect Passivation in Thin Perovskite Films	Institute of Physics	Section I	Institute of Physics, Czech Academy of Sciences
3	CAS-SAS-2022-14	<b>Katarína Kozics</b>	Diamond templates for stimulated growth of various human cell lines in in vitro systém	Biomedical Research Center	Section II	Institute of Physics of the CAS, v. v. i.
4	CAS-SAS-2022-02	<b>Ján Vozár</b>	Multiparametric geophysical investigation of tectonic structures connected to mineralization (Western Carpathians)	Earth Science Institute	Section I	Institute of Geophysic of the Czech Academy of Sciences
5	CAS-SAS-2022-08	<b>Júlia Mičová</b>	Synthesis and characterization of nanocomposites of transition metal oxides with potential application for remediation of environmental loads	Institute of Chemistry	Section II	Institute of Physics of the Czech Academy of Sciences
6	CAS-SAS-2022-09	<b>Tibor Izsák</b>	Research and development of advanced diamond dual-sensing QCM-FET device for detection of gases and biomolecules	Institute of Electrical Engineering	Section I	Fyzikální ústav AV ČR, v. v. i.
7	CAS-SAS-2022-01	<b>Peter Guba</b>	Benchmark experiments and modelling of alloy systems involving flow and solidification	Earth Science Institute	Section I	Geofyzikální ústav Akademie věd, v. v. i.
8	CAS-SAS-2022-07	<b>Šimon Mackovjak</b>	Study of dynamics at the interface between space and the Earth's atmosphere	Institute of Experimental Physics	Section I	Institute of Atmospheric Physics