

ANNEX 1

n.	Project title	Greek principal investigator	Greek cooperating organisation	Slovak principal investigator	Slovakian cooperating organisation
1	High performance sensors on the base of conducting polymers and composites	prof. Polycarpos Pissis	National Technical University of Athens	Ing. Mária Omastová, DrSc.	Polymer Institute, Slovak Academy of Sciences
2	InN-based heterostructures for ultra-high frequency transistors	prof. Alexandros Georgakilas,	Foundation for Research and Technology-Hellas (FORTH) Institute of Electronic Structure and Laser (IESL)	Ing. Kuzmik Jan, DrSc.	Institute of Electrical Engineering (IEE) Slovak Academy of Sciences (SAS)
3	In search for new molecular nanomagnets: synthesis, structural characterization and magnetic studies of polynuclear transition metal complexes	prof. Spyros P. Perlepes	University of Patras	doc. Ing. Ján Moncol', PhD.	Slovak University of Technology, Department of Inorganic Chemistry, Institute of Inorganic Chemistry, Technology and Materials

4	Combination of probabilistic and deterministic approaches for seismic hazard assessment at regional and local scales	prof. Costas Papazachos,	Aristotle University Thessaloniki	prof. RNDr. Peter Moczo, DrSc.	Comenius University, Bratislava Department of Physics of the Earth and Planets Faculty of Mathematics, Physics and Informatics
5	Molecular-friendly processes for fabrication of molecular electronic devices	Dr. Nikolaos Glezos	NCSR Demokritos, Institute of Microelectronics	RNDr. Ivan Kostič	Slovak Academy of Sciences, Institute of Informatics
6	Development of biosensors for the direct detection of toxicants in food	prof. Dimitrios Nikolelis	National and Kapodistrian University of Athens	prof. RNDr. Tibor Hianik, DrSc.	Comenius University in Bratislava, Department of Nuclear Physics and Biophysics, Faculty of Mathematics, Physics and Informatics
7	Study of the coupled sulfide-nitroso signaling pathway of H ₂ S	prof. Stavros Topouzis	University of Patras, Department of Pharmacy	RNDr. Karol Ondriaš, DrSc.	Slovak Academy of Sciences, Institute of Molecular Physiology and Genetics

8	Algorithmic and structural aspects of stable matching problems	Yannis Mourtos, PhD.	Athens University of Economics and Business	prof. RNDr. Katarína Cechlárová, CSc.	P.J. Safarik University, Faculty of Science, Institute of Mathematics
9	Exploration of cultivated species gene pool for the advancement and improvement of important European crops agronomical characteristics	Mgr. Perthenopi Ralli	National Agricultural Research Foundation Agricultural Research Center of Northern Greece	Ing. Pavol Hauptvogel, PhD.	Plant Production Research Center Piešťany
10	Multi-Context Reasoning in Heterogeneous Environments	prof. Grigoris Antoniou	Foundation for Research and Technology - Hellas (FORTH) Institute of Computer Science	RNDr. Martin Homola, PhD.	Comenius University in Bratislava Faculty of Mathematics, Physics and Informatics
11	Biocatalytic development of novel hybrid molecules with improved cardioprotective properties: Targeting the Na ⁺ ,K ⁺ -ATPase	Dr. Andreas Tzakos	University of Ioannina	RNDr. Norbert Vrbjar, CSc.	Slovak Academy of Sciences, Institute for Heart Research, Dept. of Biochemistry

12	Photoactivity of anatase nanostructures with {001} exposed facets	Dr. Christos Trapalis	NCSR Demokritos, Institute of Materials Science	doc. Ing. Dana Dvoranová, PhD.	Slovak Academy of Sciences, Institute for Heart Research, Dept. of Biochemistry
13	Investigation of tsetse fly symbionts and their effect on mass reared colonies	prof. Dr. Kostas Bourtzis	University of Western Greece, Department of Environmental and Natural Resources Management	RNDr. Peter Takáč, CSc.	Slovak Academy of Science, Institute of Zoology, Department of Entomology
14	Development & Calibration of Space Instruments for the new Space Missions SPEKTR-R and RESONANCE – First data analysis	prof. Dr. Theodore Sarris, DrSc.	Democritus University of Thrace, Dept of Electrical & Computer Engineering /Space Research Laboratory	prof. Ing. Karel Kudela, DrSc.	Slovak Academy of Sciences, Institute of Experimental Physics, Department of Space Pysics
15	Novel Approaches in Insect Transformation	Luc Swevers, PhD.	National Center for Scientific Research “Demokritos”, Institute of Biology	RNDr. Dušan Žitňan, DrSc.	Slovak Academy of Sciences, Institute of Zoology