

ANNOUNCEMENT OF THE RESULTS OF THE JUNIOR STAR – 2027 PUBLIC CALL FOR PROPOSALS

As of 29 October 2026, the Czech Science Foundation completed the evaluation of the project proposals received for the competition SGA0202600007 – Grantové projekty JUNIOR STAR and has decided to provide funding for the grant projects listed below. This decision has been made subject to the allocation by the Act on the State Budget of the Czech Republic for 2027 of targeted funds to the Czech Science Foundation in the amount approved by the Council for Research, Development and Innovation and the Government of the Czech Republic. In the event that the targeted funds are allocated in a lower amount, or on separate legal grounds, the Czech Science Foundation reserves the right to reduce the funding to some of the grant projects listed below and/or not to provide funding to some of those grant projects.

Registration No.	Applicant	Title	Organization	Project duration	Main Panel
27-00069M	Mgr. Adriana Roithová PhD	Silent Ribosomes and T Cell Readiness: Translational Control of Immune Quiescence	Mikrobiologický ústav AV ČR, v. v. i.	5	EX4
27-00080M	Robert Roreitner	REASON AND NATURE: LOST SOURCES AND INSIGHTS OF ANCIENT ARISTOTELIANISM	Filozofická fakulta UK	5	EX7
27-00087M	Ing. Vladimír Petrík Ph.D.	PRINCIPIA: Scaling Up Physical Robotic Intelligence with Newtonian Compliance	Český institut informatiky, robotiky a kybernetiky, ČVUT v Praze	5	EX8
27-00137M	Simrjit Singh	Polarization Engineering and Single-Atom Architecture for Next Generation Solar Hydrogen Production (POLARSAN)	Centrum nanotechnologií, Vysoká škola báňská - Technická univerzita Ostrava	5	EX2
27-00173M	Ondřej Mrózek	PHOTOMAG: Photoluminescence magnesium complexes with emission involving triplet excites states	Ústav anorganické chemie AV ČR, v. v. i.	5	EX3
27-00179M	Mgr. Soňa Krajčovičová Ph.D.	Synthetically Engineered Polyvalent Bicyclic Peptides for Next-Generation Therapeutics	Univerzita Palackého v Olomouci	5	EX3
27-00206M	Ing. Michael Jirásek PhD	From Optimisation to Reasoning: Self-Driving Laboratory for Chemical Discovery	Vysoká škola chemicko-technologická v Praze	5	EX3
27-00210M	RNDr. Pavel Malý Ph.D.	Imaging multi-exciton dynamics by light and heat	Matematicko-fyzikální fakulta UK	5	EX2
27-00220M	Ing. Marek Matas Ph.D.	Chiral Phonons for Next-Generation Quantum Sensing	Fakulta jaderná a fyzikálně inženýrská, ČVUT v Praze	5	EX2
27-00253M	Sebastian Ottinger Ph.D.	Technologies of Connection and Their Effects on Society: Evidence from the Habsburg Business Registry in the Age of Railroads	Centrum pro ekonomický výzkum a doktorská studia UK	5	EX6

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27-00258M	Tomas Figura	Engines that drive a “reinvented wheel”: Convergently evolved physiological mechanisms in mycoheterotrophy	Botanický ústav AV ČR, v. v. i.	5	EX5
27-00278M	RNDr. Ing. Jana Pilátová Ph.D.	Purine biocrystallization: From structures to molecular mechanisms and functions	Biologické centrum AV ČR, v. v. i.	5	EX5
27-00300M	Mgr. Dominik Hřebík Ph.D.	SPLITSVILLE - Structural Studies of Bacterial Cell Division	Masarykova univerzita	5	EX4
27-00326M	Šimon Borna	Characterization of self-reactivity and phenotypical heterogeneity of human regulatory T cells across tissues.	Ústav molekulární genetiky AV ČR, v. v. i.	5	EX4
27-00335M	Ing. Viktor Walter Ph.D.	Steps to Enable Near-distance Teamwork under Imperfect Neighbor Localization	Fakulta elektrotechnická, ČVUT v Praze	5	EX8
27-00341M	Mgr. Jindřich Libovický Ph.D.	Language Agnostic Language Models	Matematicko-fyzikální fakulta UK	5	EX8
27-00378M	PhDr. Mgr. Kristýna Kaucká Ph.D.	The Insectocene: Non-Human Arthropod Agency in Modern Governance (1870–1960)	Masarykův ústav a Archiv AV ČR, v. v. i.	5	EX7
27-00404M	Zdeněk Prudil	GALACTICA: Galactic Archaeology with RR Lyrae Age Constraints and Tracing of Inner Components and Assembly	Přírodovědecká fakulta, Masarykova univerzita	5	EX1
27-00413M	Dr.Techn. Zdeněk Jakub	Atomic-scale Insights into Dual-Atom Catalysis	Vysoké učení technické v Brně	5	EX3
27-00416M	Dr. Anna Schulten	Protein-driven mechanisms underpinning cold-responsive epigenetic silencing by VEL-PRC2	Masarykova univerzita	5	EX5
27-00437M	Giuseppe Silano PhD	Knowledge-State-Driven Aerial Inspection of Electrical Energy Infrastructure	Fakulta elektrotechnická, ČVUT v Praze	5	EX8
27-00466M	Mark Peter Kamsma Ph.D.	Enriching Model Theory with Category Theory and Positive Logic	Přírodovědecká fakulta, Masarykova univerzita	5	EX1
27-00477M	Siu Hang Man	Trace formulae for GSp4 automorphic forms	Matematicko-fyzikální fakulta UK	5	EX1
27-00511M	Sylva Drtikolová Kaupová	Kinship, Mobility and Social Differentiation in Early Medieval Bohemia: Towards a Bioarchaeology of Early State Formation	Národní muzeum	5	EX7
27-00557M	Marco Loche M.Sc. Ph.D	Extreme heat events to explain changes in rock-mass movements: Can thermo-hydro-mechanical thresholds improve hazard prediction?	Ústav struktury a mechaniky hornin AV ČR, v. v. i.	5	EX1
27-00565M	Mgr. Jana Wiedermannová Ph.D.	Modified and hypermodified nucleotides on mRNA as drivers of genetic information recoding and gene-expression control	Mikrobiologický ústav AV ČR, v. v. i.	5	EX4

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27-00601M	Tomáš Lintner PhD	THE SUBSTITUTION: How GenAI Reconfigures Human Agency and Learning	Filozofická fakulta, Masarykova univerzita	5	EX6
27-00700M	Ing. Simona Dzurendová Ph.D.	Y-VISTA: Yeast Variability: Interplay of Storage, Tension and Architecture	Vysoké učení technické v Brně	5	EX5
27-00733M	Adam Gemar Ph.D.	Sport as Collective Ritual: Social Integration under Polarization and Secularization in Contemporary Democracies	Fakulta sociálních studií, Masarykova univerzita	5	EX6
27-00741M	Dr. Rodrigo Ernesto Polo Mendoza Ph.D.	Discovering Hidden Mechanisms Governing High-Cycle Soil Behaviour in Geotechnical Systems Using Physics-Informed Artificial Intelligence	Přírodovědecká fakulta UK	5	EX8
27-00760M	RNDr. Lenka Kubíčková Ph.D.	Spin Supersolidity and Probing Quantum Criticality through Cooling	Fyzikální ústav AV ČR, v. v. i.	5	EX2
27-00780M	Mgr. Michal Šimek Ph.D.	Site-selective Radical Diversification of Functional Groups in Biomolecules and Natural Products	Univerzita Karlova	5	EX3
27-00787M	Lukáš Gráf	Probing Lepton-number-violating Interactions across Energy Scales (PLIES)	Matematicko-fyzikální fakulta UK	5	EX1
27-00831M	Mgr. Matúš Adamkovič PhD.	Leveraging the Capabilities of Large Language Models for Automating Quantitative and Qualitative Meta-Research	Pedagogická fakulta UK	5	EX6
27-00832M	Ing. Anna Poryvai Ph.D.	VisDia: Visible-Light Carbene Photochemistry and Multifunctional Lipid Probes for Cell Imaging and Proximity Labelling	Vysoká škola chemicko-technologická v Praze	5	EX3