GAČR
GRANTOVÁ AGENTURA ČESKÉ REPUBLIKY

ANNOUNCEMENT OF THE RESULTS OF THE RETURN GRANTS – 2027 PUBLIC CALL FOR PROPOSALS

As of 26 November 2026, the Czech Science Foundation completed the evaluation of the project proposals received for the competition SGA0202700005 – Návratové granty 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	Discipline Committees
27-25597N	Ing. Eliška Kočková, Ph.D.	A data-consistent framework for uncertainty-aware calibration of heterogeneous material models	České vysoké učení technické v Praze, Fakulta stavební	3	1. Technical Sciences
27-25801N	RNDr. Júlia Tomšů, PhD	Bioengineering skin and vascular wall equivalents using sustainable cellulose and human lipoaspirate	Fyziologický ústav AV ČR, v.v.i.	4	1. Technical Sciences
27-25874N	Ing. Michaela Drahošová, Ph.D.	Adaptive Coevolution for Explainable Machine Learning at the Edge	Vysoké učení technické v Brně, Fakulta informačních technologií	4	1. Technical Sciences
27-27358N	Ing. Tereza Kůdelová, Ph.D.	Microstructure-Controlled Electromagnetic Response in Polymeric Susceptor Films	Vysoké učení technické v Brně, Fakulta strojního inženýrství	3	1. Technical Sciences
27-26395N	Mgr. Petra Suková, Ph.D.	Origin of Quasi-Periodic Outflows in AGN: Secondary-Object Perturbations of Accretion Flows	Astronomický ústav AV ČR, v.v.i.	4	2. Physical Sciences
27-27361N	Pia Jurček, PhD	Development of metallosupramolecular cages for organocatalysis	Masarykova univerzita, Přírodovědecká fakulta	2	2. Physical Sciences
27-27514N	Mgr. Tereza Klimošová, Ph.D.	Interplay between graph substructures and structural and algorithmic properties	Univerzita Karlova, Matematicko-fyzikální fakulta	4	2. Physical Sciences
27-28405N	Ing. Valeria Istokskaja, Ph.D.	Exploring the Fundamental Limits of Charged Particle Discrimination in Complex Laser-Driven Ion Fields via Non-Linear Scintillation Response	Extreme Light Infrastructure ERIC (ELI ERIC)	3	2. Physical Sciences

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27-29239N	Mgr. Simona Krmíčková, Ph.D.	Long-lasting history of the Brunovistulicum: from the breakup of Rodinia to the formation of a new microcontinent	Geologický ústav AV ČR, v.v.i.	4	2. Physical Sciences
27-26075N	Mgr. Magdalena Přechová, Ph.D.	Cytoskeletal Crosslinking as a Selective Vulnerability in Centrosome-Amplified Cancer Cells	Ústav molekulární genetiky AV ČR, v.v.i.	4	3. Medical and Biological Sciences
27-26464N	RNDr. Petra Krafčíková, PhD.	Targeting Staphylococcus aureus Methyltransferases for Novel Antibacterial Strategies	Ústav organické chemie a biochemie AV ČR, v.v.i.	3	3. Medical and Biological Sciences
27-26709N	Mgr. Lenka Paštěková, Ph.D.	Identification of antigenic epitopes in Treponema pallidum: Is there a difference between human response to yaws and syphilis infection?	Masarykova univerzita, Lékařská fakulta	3	3. Medical and Biological Sciences
27-27622N	Mgr. Aneta Škarková, Ph.D.	Non-integrin adhesion in melanoma invasion: mechanistic role of the proteoglycan CSPG4	Univerzita Karlova, Přírodovědecká fakulta	4	3. Medical and Biological Sciences
27-25794N	Mgr. Klára Čermochová, Ph.D.	A Comparative Analysis of Core Concepts of Czech Verse Theory within a Rhythmological Context – A Path Toward Greater Applicability of the Field	Univerzita Karlova, Filozofická fakulta	4	4. Social Sciences and Humanities
27-25942N	Ing. Veronika Smejkalová, Ph.D.	Topology-aware GNNs for Structural Modeling and Decision-Support in Waste Management Systems	Vysoké učení technické v Brně, Fakulta strojního inženýrství	4	4. Social Sciences and Humanities
27-26839N	Kamila Klingorová	Sacred Spaces in Everyday Practice: Care, Community, and Spatial Regimes in Contemporary Czechia	Univerzita Karlova, Přírodovědecká fakulta	4	4. Social Sciences and Humanities
27-27043N	Mgr. Anežka Pilmann Kotěrová, Ph.D.	Overcoming the "anonymity" of non-adult burials in Early Medieval society: A holistic demographic approach	Univerzita Karlova, Přírodovědecká fakulta	3	4. Social Sciences and Humanities
27-27090N	Mgr. et Mgr. Katarína Šipulová, Ph.D., M.St.	The Architecture of EU Rule of Law Enforcement: Transmission, Escalation, and Limits of the EU Rule of Law Toolbox	Masarykova univerzita, Právnická fakulta	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Project duration	Discipline Committees
27-27262N	Mgr. et Mgr. Jana Krčmářová, Ph.D.	Protection of premodern biocultural diversity in the second half of 19th century	Etnologický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
27-28067N	PhDr. Lucie Klůzová Kráčmarová, Ph.D.	Mechanisms of Nightmare Distress and Resilience: A Mixed-Methods Study of Identity-Based Beliefs, Appraisal, and Narrative Integration	Psychologický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
27-26346N	Mgr. Anna Tichá, Ph.D.	Centennial-scale carbon-phosphorus coupling during lake brownification	Univerzita Karlova, Přírodovědecká fakulta	4	5. Agricultural and Biological-Environmental Sciences
27-26692N	Mgr. Kateřina Mácová, Ph. D.	Regulation of Embryo Development Under Heat Stress by BOBBER Proteins: From Arabidopsis to Crops	Masarykova univerzita, Středoevropský technologický institut	4	5. Agricultural and Biological-Environmental Sciences
27-26764N	Mgr. Eva Nosková, Ph.D.	Hidden burden: Strongyloides stercoralis infection in marginalized communities	Ústav biologie obratlovců AV ČR, v.v.i.	4	5. Agricultural and Biological-Environmental Sciences
27-26973N	Mgr. Markéta Táborská, Ph.D.	Microenvironmental filtering of bryophyte communities: evidence from woody substrates in old-growth forests.	Výzkumný ústav pro krajinu, v. v. i.	4	5. Agricultural and Biological-Environmental Sciences
27-28873N	Mgr. Magdalena Bohutínská	The role of pleiotropy in adaptive evolution: linking alleles to fitness in alpine Arabidopsis arenosa	Univerzita Karlova, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences