

## ANNOUNCEMENT OF THE RESULTS OF THE Standardní projekty – 2025 PUBLIC CALL FOR PROPOSALS

As of 29 December 2024, the Czech Science Foundation completed the evaluation of the project proposals received for the competition SGA0202500001 – Standardní projekty 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 2025 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	Number of years	Discipline Committee
25-15195S	doc. Fatma Yalcinkaya, MSc., Ph.D.	New chiral composite magnetic membranes combined with rotational and magnetic levitation forces for racemic mixture separation	Technická univerzita v Liberci, Ústav pro nanomateriály, pokročilé technologie a inovace	3	1. Technical Sciences
25-15200S	prof. Ing. Martin Keppert, Ph.D.	Opportunities for increasing low early strength of eco-friendly blended cements through innovative additives and nanomaterials	České vysoké učení technické v Praze, Fakulta stavební	3	1. Technical Sciences
25-15390S	doc. Ing. David Nečas, Ph.D.	3D printed metal matrix composites reinforced by 2D MXene nanosheets for new-generation biomedical implants	Vysoké učení technické v Brně, Fakulta strojního inženýrství	3	1. Technical Sciences
25-15398S	prof. Ing. Robert Černý, DrSc.	Synergetic effects in alkaline activation of blended precursors: physical, chemical and environmental aspects	České vysoké učení technické v Praze, Fakulta stavební	3	1. Technical Sciences
25-15490S	doc. RNDr. Jiří Šíma, DrSc.	LEDNeCo: Low Energy Deep Neurocomputing	Ústav informatiky AV ČR, v.v.i.	3	1. Technical Sciences
25-15501S	prof. Ing. Vít Šmilauer, Ph.D., DSc.	A multiphysics nonlinear model for whitetopping	České vysoké učení technické v Praze, Fakulta stavební	3	1. Technical Sciences
25-15541S	Ing. Patrycja Magdalena Bober, Ph.D.	Nanostructured composites for energy conversion and storage	Ústav makromolekulární chemie AV ČR, v.v.i.	3	1. Technical Sciences

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25-15579S	Ing. Jiří Čapek, Ph.D.	Experimental and numerical research on relaxation of residual stresses induced by selective laser melting	České vysoké učení technické v Praze, Fakulta jaderná a fyzikálně inženýrská	3	1. Technical Sciences
25-15590S	doc. RNDr. Karolína Šišková, Ph.D.	Recyclable Magnetic Plasmonic Bimetallic Nanomaterials Enveloped by Smart Polymers for SERS-Detection and Removal of Selected Pollutants from Water	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	1. Technical Sciences
25-15635S	Ing. Petr Knotek, Ph.D.	Photoinduced effects in glasses transmitting infrared radiation	Univerzita Pardubice, Fakulta chemicko-technologická	3	1. Technical Sciences
25-15644S	RNDr. Pavel Solař, Ph.D.	The development and study of unconventional nanoparticle gas aggregation sources	Univerzita Karlova, Matematicko-fyzikální fakulta	3	1. Technical Sciences
25-15646S	prof. Ing. Michal Fulem, Ph.D.	Poly(2-oxazoliny): In silico úprava jejich vlastností pro vývoj lékově specifických systémů pro dodávání léčiv	Vysoká škola chemicko-technologická v Praze, Fakulta chemicko-inženýrská	3	1. Technical Sciences
25-15700S	Ing. Michal Cifra, Ph.D.	MiPEF – Microwave sensors for unraveling biomolecular effects of pulsed electric field	Ústav fotoniky a elektroniky AV ČR, v.v.i.	3	1. Technical Sciences
25-15748S	Mgr. Martin Vyšvařil, Ph. D.	Lime-based injection grouts with biopolymeric and biotech admixtures to repair the surfaces of historic architecture	Vysoké učení technické v Brně, Fakulta stavební	3	1. Technical Sciences
25-15755S	doc. Ing. Vlastimil Bílek, Ph.D.	Reuse of construction waste for cyclically loaded alkali-activated materials	Vysoká škola báňská - Technická univerzita Ostrava, Fakulta stavební	3	1. Technical Sciences
25-15757S	doc. Ing. Filip Průša, Ph.D.	Plasma valorization of waste into cutting-edge cermet composites for high kinetic energy dissipation	Vysoká škola chemicko-technologická v Praze, Fakulta chemické technologie	3	1. Technical Sciences
25-15763S	prof. Ing. Martin Krejsa, Ph.D.	Structural steels behavior of thin-walled load-bearing elements during cold joining	Vysoká škola báňská - Technická univerzita Ostrava, Fakulta stavební	3	1. Technical Sciences
25-15775S	doc. Mgr. Kamil Postava, Dr.	Topological spin-photonic lasers for data communications	Vysoká škola báňská - Technická univerzita Ostrava, Fakulta materiálově-technologická	3	1. Technical Sciences

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25-15806S	prof. Ing. Adriána Kovalčík, Ph.D.	Biocompatible and flexible scaffolds with bio-origin	Vysoké učení technické v Brně, Fakulta chemická	3	1. Technical Sciences
25-15862S	doc. Ing. Martin Štumpf, Ph.D.	Space-Time Electromagnetic Field Modeling of 4D Metasurfaces	Vysoké učení technické v Brně, Fakulta elektrotechniky a komunikačních technologií	3	1. Technical Sciences
25-15933S	doc. Ing. Filip Šroubek, Ph.D., DSc.	Dynamic Inverse Problems in Time-Lapse Microscopy	Ústav teorie informace a automatizace AV ČR, v.v.i.	3	1. Technical Sciences
25-15972S	Ing. Jiří Henych, Ph.D.	Surface chemical reactivity of ceria in environmentally and biologically relevant reactions	Ústav anorganické chemie AV ČR, v.v.i.	3	1. Technical Sciences
25-15993S	Ing. Tomáš Vojří, Ph.D.	Detection of anomalous or out-of-distribution inputs in deep neural network models	České vysoké učení technické v Praze, Fakulta elektrotechnická	3	1. Technical Sciences
25-15996S	Xiaohui Ju, Ph.D.	A robust reactive-oxygen-species scavenging nanomedicine for antioxidant therapy	Mendelova univerzita v Brně, Agronomická fakulta	3	1. Technical Sciences
25-15998S	prof. Ing. Zbyšek Pavlík, Ph.D.	Research on the eco-efficient mortars for sustainable repair of surface layers of historic buildings: effect of natural organic additives and fibers	České vysoké učení technické v Praze, Fakulta stavební	3	1. Technical Sciences
25-16013S	prof. Ing. Roman Bulánek, Ph.D.	Tailoring Mass Transport Properties of Porous Materials for Enhanced Adsorption and Catalysis	Univerzita Pardubice, Fakulta chemicko-technologická	3	1. Technical Sciences
25-16024S	Ing. Oleg Kikhtyanin, Ph.D.	Advancing Cu/ZnO/Al <sub>2</sub> O <sub>3</sub> Catalysts: From Synthesis Strategies to Catalytic Performance	Vysoká škola chemicko-technologická v Praze, Fakulta technologie ochrany prostředí	3	1. Technical Sciences
25-16071S	prof. Ing. Michal Šejnoha, Ph.D., DSc.	Experimental testing and advanced modeling of laminated glass subjected to combine effects of blast and fragment impact	České vysoké učení technické v Praze, Fakulta stavební	3	1. Technical Sciences
25-16097S	doc. Mgr. Jaroslav Kohout, Dr.	Magnetic ordering and ME coupling in BaREFeO <sub>4</sub>	Univerzita Karlova, Matematicko-fyzikální fakulta	3	1. Technical Sciences
25-16144S	RNDr. Peter Minárik, Ph.D.	Novel zinc-based biodegradable material with harmonic microstructure for medical applications	Univerzita Karlova, Matematicko-fyzikální fakulta	3	1. Technical Sciences
25-16155S	Ing. Daniel Horák, CSc.	Non-allergic multimodal upconversion/magnetic nanoparticles for cancer theranostics	Ústav makromolekulární chemie AV ČR, v.v.i.	3	1. Technical Sciences

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25-16210S	Dr. Ing. Filip Šiška, Ph.D.	Twinning manipulation by altering the local microstructural conditions in magnesium alloys	Ústav fyziky materiálů AV ČR, v.v.i.	3	1. Technical Sciences
25-16242S	Mgr. Jindřich Libovický, Ph.D.	Better Tokenization for Multilingual Language Models and Machine Translation	Univerzita Karlova, Matematicko-fyzikální fakulta	3	1. Technical Sciences
25-16256S	Ing. Martin Sedlmajer, Ph.D.	Study of the combustion process in fibrous organic materials at the microstructure scale	Vysoké učení technické v Brně, Fakulta stavební	3	1. Technical Sciences
25-16282S	Ing. Jan Šulc, Ph.D.	Fe-doped solids: The key to efficient generation of high-power laser radiation in the mid-infrared region	České vysoké učení technické v Praze, Fakulta jaderná a fyzikálně inženýrská	3	1. Technical Sciences
25-16285S	Ing. Petr Sedlák, Ph.D.	Kwinking concept in NiTi shape memory alloy	Ústav termomechaniky AV ČR, v.v.i.	3	1. Technical Sciences
25-16307S	Ing. Ivo Šulák, Ph.D.	Thermo-Mechanical Fatigue Damage and Deformation Mechanisms of Metal Matrix Composites: Experimental and Numerical Approach	Ústav fyziky materiálů AV ČR, v.v.i.	3	1. Technical Sciences
25-16357S	prof. Ing. Zbyněk Šiška, Ph.D.	Absorbing mechanisms with nonlinear dynamics for active reduction of periodic motions and forces in machines	České vysoké učení technické v Praze, Fakulta strojní	3	1. Technical Sciences
25-16368S	RNDr. Ing. Michal Knapěk, Ph.D.	Microalloyed eutectic complex concentrated alloys for advanced applications	Univerzita Karlova, Matematicko-fyzikální fakulta	3	1. Technical Sciences
25-16403S	doc. Ing. Václav Nežerka, Ph.D.	Harnessing facultative anaerobes for upcycling finest fractions from crushed waste concrete	České vysoké učení technické v Praze, Fakulta stavební	3	1. Technical Sciences
25-16482S	prof. Dr. Dipl.-Min. Willi Pabst	New methods for glass phase determination and their application for the effective property prediction of silicate ceramics and refractories	Vysoká škola chemicko-technologická v Praze, Fakulta chemické technologie	3	1. Technical Sciences
25-16538S	doc. Ing. Klára Částková, Ph.D.	Unconventional piezoactive particles for highly efficient mechano ATRP method	Vysoké učení technické v Brně, Fakulta strojního inženýrství	3	1. Technical Sciences
25-16545S	Ing. Petr Sazama, Ph.D.	Study of controlled nanoconfinement of active sites for catalytic reduction of CO <sub>2</sub> by H <sub>2</sub> to CO, methanol and hydrocarbons	Ústav fyzikální chemie J. Heyrovského AV ČR, v.v.i.	3	1. Technical Sciences
25-16615S	Ing. Mgr. Ondřej Kaman, Ph.D.	Magneto-electric nanoparticles for printed electronics	Fyzikální ústav AV ČR, v.v.i.	3	1. Technical Sciences

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25-16631S	RNDr. František Lukáč, Ph.D.	Plasma spheroidization of refractory complex concentrated alloys	Ústav fyziky plazmatu AV ČR, v. v. i.	3	1. Technical Sciences
25-16657S	Dr. Sergii Kalytchuk	Tailored fluorescent carbon dots engineered for targeted biosensing	Univerzita Palackého v Olomouci, Český institut výzkumu a pokročilých technologií	3	1. Technical Sciences
25-16766S	Ing. František Šoukal, Ph.D.	Engineering spatial distribution of hydrates in low-carbon cements	Vysoké učení technické v Brně, Fakulta chemická	3	1. Technical Sciences
25-16769S	Filipa Oliveira, Ph.D.	Engineered Chlorine-Terminated MXenes for Electromagnetic Shielding	Vysoká škola chemicko-technologická v Praze, Fakulta chemické technologie	3	1. Technical Sciences
25-16785S	Mgr. Ladislav Peška, Ph.D.	Empowering Multi-Objective Recommender Systems with Large Language Models	Univerzita Karlova, Matematicko-fyzikální fakulta	3	1. Technical Sciences
25-16860S	prof. Ing. Radim Kocich, Ph.D.	Beyond the limits of current copper based electro-conductive materials	Vysoká škola báňská - Technická univerzita Ostrava, Fakulta materiálově-technologická	3	1. Technical Sciences
25-16878S	doc. Ing. Petr Svoboda, Ph.D.	Electric field influence on ionic liquid lubricating film formation in elasto-hydrodynamic contact	Vysoké učení technické v Brně, Fakulta strojního inženýrství	3	1. Technical Sciences
25-16894S	doc. Ing. Miroslav Bartošík, Ph.D.	Stability of Hydrogenated Graphene in Nanoelectronics Studied by Scanning Probe Microscopy	Vysoké učení technické v Brně, Fakulta strojního inženýrství	3	1. Technical Sciences
25-16935S	doc. Ing. Lubomír Klimeš, Ph.D.	Machine learning-based surrogate modeling for conjugate heat transfer enhancement with complex surface geometry	Vysoké učení technické v Brně, Fakulta strojního inženýrství	3	1. Technical Sciences
25-16980S	Ing. Ivan Nemeč, Ph.D.	Passivation of layered black phosphorous with single-molecule magnets	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	1. Technical Sciences
25-17110S	Ing. Roman Svoboda, Ph.D.	Phase transformations in ultra-thin chalcogenide films: From in-situ calorimetric monitoring to advanced modeling of the confined process kinetics.	Univerzita Pardubice, Fakulta chemicko-technologická	3	1. Technical Sciences
25-17332S	Ing. Ondřej Kučera, Ph.D.	DREAM - Directed & Responsive Electro-Active Materials	Ústav fotoniky a elektroniky AV ČR, v.v.i.	3	1. Technical Sciences

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25-17383S	doc. RNDr. Martin Pivokonský, Ph.D.	Life of a floc: Effect of hydrodynamic and physicochemical conditions in water treatment process on aggregate formation, morphology, and separation	Ústav pro hydrodynamiku AV ČR, v.v.i.	3	1. Technical Sciences
25-17453S	prof. Ing. Michal Sedlačík, Ph.D.	Durable Magnetorheological Elastomers for Vibration Control Devices	Univerzita Tomáše Bati ve Zlíně, Fakulta technologická	3	1. Technical Sciences
25-17495S	prof. Ing. Milan Jirásek, DrSc.	Advanced models for quasibrittle failure	České vysoké učení technické v Praze, Fakulta stavební	3	1. Technical Sciences
25-17500S	Ing. Petr Dvořák, Ph.D.	Tunable perovskite metasurfaces for a new generation of optical quantum technologies	Vysoké učení technické v Brně, Fakulta strojního inženýrství	3	1. Technical Sciences
25-17542S	prof. Ing. Tomáš Polcar, Ph.D.	High entropy disulfides: simulation-driven fabrication of a new class of 2D materials	České vysoké učení technické v Praze, Fakulta elektrotechnická	3	1. Technical Sciences
25-17552S	Ing. Štěpán Dyk, Ph.D.	Investigating Internal Resonances in Nonlinear Mechanical Systems with Multiple Autoparametric Couplings	Západočeská univerzita v Plzni, Fakulta aplikovaných věd	3	1. Technical Sciences
25-17624S	Ing. Tomáš Hartman, Ph.D.	Group 14 Two-dimensional Composites for Calcium and Magnesium-ion Batteries	Vysoká škola chemicko-technologická v Praze, Fakulta chemické technologie	3	1. Technical Sciences
25-17718S	prof. Ing. Petr Humpolíček, Ph.D.	EXIT & SIT; EX VIVO TISSUE MODELS FOR SMALL INTESTINE TISSUE	Univerzita Tomáše Bati ve Zlíně, Fakulta technologická	3	1. Technical Sciences
25-17746S	prof. Ing. David Kubička, Ph.D., MBA	Unlocking Hydrogenolysis Performance Potential Through Tailored Modular Design for Cu Hydrogenolysis Catalysts and Their Active Sites Control	Vysoká škola chemicko-technologická v Praze, Fakulta technologie ochrany prostředí	3	1. Technical Sciences
25-17759S	prof. Ing. Jan Jedelský, Ph.D.	Thin-layer nanoparticle spray-coating of structured surfaces	Vysoké učení technické v Brně, Fakulta strojního inženýrství	3	1. Technical Sciences
25-17815S	doc. RNDr. Petr Filip, CSc.	Modelling of coarse-grained suspension flow considering non-spherical particles morphology	Ústav pro hydrodynamiku AV ČR, v.v.i.	3	1. Technical Sciences
25-17822S	doc. RNDr. Karel Žídek, Ph.D.	Understanding optical coating on micro- and macro-scale via metal-layer-amplified second-harmonic generation	Ústav fyziky plazmatu AV ČR, v. v. i.	3	1. Technical Sciences

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25-17853S	Ing. Jaroslav Nejd, Ph.D.	Coherent EUV light source for compact lens-less microscopy and precision metrology	České vysoké učení technické v Praze, Fakulta jaderná a fyzikálně inženýrská	3	1. Technical Sciences
25-17904S	prof. Dr. Ing. Zdeněk Hanzálek	Energy-Aware Scheduling to Minimize Cost and Consumption of Manufacturing Main Panel P103-Cybernetics, artificial intelligence and information proces	České vysoké učení technické v Praze, Český institut informatiky, robotiky a kybernetiky	3	1. Technical Sciences
25-17934S	doc. Mgr. Lukáš Holík, Ph.D.	STRINGS: String Constraints for Security Analysis	Vysoké učení technické v Brně, Fakulta informačních technologií	3	1. Technical Sciences
25-18031S	Mgr. Martin Schmid, Ph.D.	Self-learning methods in imperfect information environments	Univerzita Karlova, Matematicko-fyzikální fakulta	3	1. Technical Sciences
25-18077S	prof. Mgr. Jakub Čížek, Ph.D.	Hydrogen-induced defects in transition metal complex concentrated alloys for hydrogen storage	Univerzita Karlova, Matematicko-fyzikální fakulta	3	1. Technical Sciences
25-18105S	RNDr. Milan Paluš, DrSc.	Information-theoretic approaches to prediction of transitions in complex systems	Ústav informatiky AV ČR, v.v.i.	3	1. Technical Sciences
25-18111S	doc. Ing. Zdeněk Slouka, Ph.D.	Transport processes on ion-exchange membranes induced by electric and gravitational fields	Vysoká škola chemicko-technologická v Praze, Fakulta chemicko-inženýrská	3	1. Technical Sciences
25-18144S	Ing. Václav Sebera, Ph.D.	Change of wood properties on nano-to-meso scale from perspective of climate change	Mendelova univerzita v Brně, Lesnická a dřevařská fakulta	3	1. Technical Sciences
25-18154S	Prof. Ing. Pavlo Bekhta, DrSc	Research on renewable thermoplastically bonded wood composites as new formaldehyde-free materials in construction	Mendelova univerzita v Brně, Lesnická a dřevařská fakulta	3	1. Technical Sciences
25-18209S	Ing. Petr Koudelka, Ph.D.	Penetration dynamics of 3D lattice structures: simulations and flash X-ray imaging	České vysoké učení technické v Praze, Fakulta dopravní	3	1. Technical Sciences
25-18221S	Ing. Alice Hospodková, Ph.D.	Structures for fast, energy-efficient and logic electronics based on GaN (FEELGaN)	Fyzikální ústav AV ČR, v.v.i.	3	1. Technical Sciences
25-18265S	prof. Ing. Jiří Mikyška, Ph.D.	Computational models of hydraulic fracturing in geothermal energy production	České vysoké učení technické v Praze, Fakulta jaderná a fyzikálně inženýrská	3	1. Technical Sciences

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25-18280S	Ing Hana Uhlířová, PhD	Fluorescence lifetime micro-endoscopy for in-vivo deep brain studies	Ústav přístrojové techniky AV ČR, v.v.i.	3	1. Technical Sciences
25-18353S	Mgr. Viliam Lisý, M.Sc. Ph.D.	Advancing Large Language Model Agents through Game Playing	České vysoké učení technické v Praze, Fakulta elektrotechnická	3	1. Technical Sciences
25-18485S	prof. Ing. Zbyněk Koldovský, Ph.D.	Hybrid Source Extraction: Synergy of physical, information-theoretical and data-based knowledge	Technická univerzita v Liberci, Fakulta mechatroniky, informatiky a mezioborových studií	3	1. Technical Sciences
25-18496S	prof. Ing. Tomáš Jirout, Ph.D.	Accumulation blocks made of alternative fillers reinforced with hydraulic binder systems for heat storage	České vysoké učení technické v Praze, Fakulta strojní	3	1. Technical Sciences
25-15346S	doc. RNDr. Radek Šachl, Ph.D.	Mapping galectin-ganglioside networks on complex model membrane systems	Ústav fyzikální chemie J. Heyrovského AV ČR, v.v.i.	3	2. Physical Sciences
25-15354S	prof. PharmDr. Lucie Nováková, Ph.D.	Development of comprehensive prediction model and software tool for supercritical fluid chromatography using artificial neural networks	Univerzita Karlova, Farmaceutická fakulta v Hradci Králové	3	2. Physical Sciences
25-15358S	doc. Mgr. Dominik Heger, Ph.D.	Spectroscopic Investigation of Environmentally Relevant Compounds in Highly Concentrated Solutions	Masarykova univerzita, Přírodovědecká fakulta	3	2. Physical Sciences
25-15366S	Mgr. Michal Doucha, Ph.D.	Symbolic methods in topological dynamics of groups	Matematický ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-15408S	RNDr. Eva Muchová, Ph.D.	Modelling of photochemistry in UV-Vis and X-ray domains in complex molecular systems	Vysoká škola chemicko- technologická v Praze, Fakulta chemicko-inženýrská	3	2. Physical Sciences
25-15428S	doc. RNDr. Michal Kolář, Ph.D.	The role of peptides in the emergence of primordial ribosomes	Vysoká škola chemicko- technologická v Praze, Fakulta chemicko-inženýrská	3	2. Physical Sciences
25-15447S	prof. RNDr. Karel Hron, Ph.D.	Distributional data analysis for geochemical mapping	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	2. Physical Sciences
25-15448S	RNDr. Jiří Pospíšil, Ph.D.	Quasiparticles in van der Waals magnets: Q-MAG	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences



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25-15473S	Mgr. Petr Brož, Ph.D.	Effusive Cryovolcanism: the battle of PHases in a watER table freezing under reduced atmospheric pressure (COPHER)	Geofyzikální ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-15495S	RNDr. Petr Ježek, DrSc.	The role of mitochondrial ATP-sensitive K <sup>+</sup> channel and redox status in mitochondrial cristae morphology changes monitored by nanoscopy	Fyziologický ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-15544S	Mgr. Vojtěch Pravda, Ph.D., DSc.	Black holes and double copy in theories of gravity	Matematický ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-15571S	Mgr. Jan Hubička, Ph.D.	Trees and structures: Ramsey properties, symmetries and applications	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-15592S	prof. Ing. Michal Hocek, CSc., DSc.	DNA Display of Ligands or Reactive Groups for Multivalent Spatial Recognition, Recruitment and Arrangement of Proteins	Ústav organické chemie a biochemie AV ČR, v.v.i.	3	2. Physical Sciences
25-15609S	Mgr. Tomáš Galia, Ph.D.	Hydrogeomorphological Dynamics in the Face of Climate Change: Impacts of consecutive floods on Mediterranean River Channels	Ostravská univerzita, Přírodovědecká fakulta	3	2. Physical Sciences
25-15726S	prof. RNDr. Petr Bouř, DSc.	Exploration of new forms of Raman optical activity	Ústav organické chemie a biochemie AV ČR, v.v.i.	3	2. Physical Sciences
25-15887S	RNDr. Drahomír Hnyk, CSc., DSc.	The magnetic and bonding properties of metallaboranes as a function of bonded metal cations: An interplay between the theory and experiment	Ústav anorganické chemie AV ČR, v.v.i.	3	2. Physical Sciences
25-15910S	doc. RNDr. Jiří Kubát, CSc.	Hot star winds: solving uncertainties of mass loss near the Eddington limit	Astronomický ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-15990S	Mgr. Martin Bartošík, Ph.D.	Integrating new nucleic acid amplification techniques and electrode biochips for advanced cancer diagnostics	Masarykův onkologický ústav	3	2. Physical Sciences
25-15999S	prof. Ing. Jan Čechal, Ph.D.	Topological 2D Metal-Organic Frameworks on Graphene	Vysoké učení technické v Brně, Středoevropský technologický institut	3	2. Physical Sciences
25-16056S	prof. RNDr. Pavel Cejnar, Dr.	Critical effects in quantum dynamics	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences

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25-16074S	Mgr. Jiří Kaleta, Ph.D.	Multiphotochromic Molecular Devices	Ústav organické chemie a biochemie AV ČR, v.v.i.	3	2. Physical Sciences
25-16109S	doc. RNDr. Jan Řezáč, Ph.D.	Machine-learning enhanced quantum chemistry for biomolecules in solution	Ústav organické chemie a biochemie AV ČR, v.v.i.	3	2. Physical Sciences
25-16117S	Mario Vazdar	Controlled Transport of Cell-penetrating Peptides across Biological Membranes – Synergy of Simulations and Single Molecule Fluorescence Experiments	Vysoká škola chemicko-technologická v Praze, Fakulta chemicko-inženýrská	3	2. Physical Sciences
25-16134S	RNDr. Miroslav Krepl, Ph.D.	Fascinating Structure of Holliday Junction: The Crux of DNA Biophysics Studied by Molecular Dynamics Simulations	Biofyzikální ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-16216S	RNDr. Bohumír Grüner, CSc.	Overlooked phenomenon with significant impact - the chirality in cluster (metalla)carboranes.	Ústav anorganické chemie AV ČR, v.v.i.	3	2. Physical Sciences
25-16244S	Dr. Renann Lipinski Jusinkas	Finite spectrum strings and their applications to field theory	Fyzikální ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-16267S	Dr. Jan Meinders Swart	Dynamical phase transitions and metastability	Ústav teorie informace a automatizace AV ČR, v.v.i.	3	2. Physical Sciences
25-16311S	Mgr. Pavel Hrubeš, Ph. D.	Complexity of computation, communication, and search	Matematický ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-16324S	RNDr. Jakub Bulín, Ph.D.	Characterization and tractability of constraint languages via logical methods	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-16339S	doc. RNDr. Ladislav Havela, CSc.	Layered Zintl phases at the verge of metallicity: metals, non-metals, semi-metals, and half-metals tuned by polar bonds	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-16386S	Mgr. Emil Varga, Ph.D.	Thermodynamics of quantum liquid investigated through parametric interaction of nonclassical sounds	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-16420S	doc. Mgr. Lukáš Ackerman, Ph.D.	Archean supercontinents: myth or reality?	Geologický ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-16442S	RNDr. Jan Demel, Ph.D.	Application of Molecular Dynamics and 3D Electron Diffraction in Crystalline Sponge Method for Small Molecule Structure Determination	Ústav anorganické chemie AV ČR, v.v.i.	3	2. Physical Sciences

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-16507S	prof. RNDr. David Vokrouhlický, DrSc.	Early dynamics of planets and analysis of asteroid populations	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-16569S	Ing. Bohdan Josypčuk, Ph.D.	Electrochemical biosensors based on reusable mini-immunoreactors for automated flow-through immunoassay of diagnostically relevant cancer biomarkers	Ústav fyzikální chemie J. Heyrovského AV ČR, v.v.i.	3	2. Physical Sciences
25-16588S	prof. RNDr. Ladislav Skrbek, DrSc.	Quantum turbulence in rotating superfluid 4He	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-16592S	Miroslav Bulíček	Long-time behaviour of open complex systems in continuum mechanics	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-16610S	Mgr. Valéria Vaškaninová, PhD.	The past as a key to the present: A unique 'reverse actualistic' approach to synchrotron imaged snapshots of Early Palaeozoic life and death	Univerzita Karlova, Přírodovědecká fakulta	3	2. Physical Sciences
25-16617S	Mgr. Anna Týčová, Ph.D.	Comprehensive characterization of therapeutic peptides: Two perspectives on one structure	Ústav analytické chemie AV ČR, v.v.i.	3	2. Physical Sciences
25-16627S	doc. Mgr. Robert Šámal, Ph.D.	Flows, cycles, surfaces and polynomials	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-16683S	prof. Ing. Pavel Lhoták, CSc.	New calixarene ligands for selective complexation of fullerenes	Vysoká škola chemicko-technologická v Praze, Fakulta chemické technologie	3	2. Physical Sciences
25-16698S	RNDr. Zdeněk Futera, Ph.D.	Mechanisms and dynamics of charge transport in biomolecular junctions	Jihočeská univerzita v Českých Budějovicích, Přírodovědecká fakulta	3	2. Physical Sciences
25-16789S	RNDr. Josef Hanuš, Ph.D.	The Gaia – Xshooter survey of 'promising' asteroid families	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-16801S	prof. RNDr. Ondřej Čadek, CSc.	Interaction between the ice crust and the ocean on the moons of Jupiter and Saturn: Insight from the geophysical modelling	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-16812S	Mgr. Michal Macek, PhD	Ultimate regimes of turbulent convection in nonideal fluids revisited	Ústav přístrojové techniky AV ČR, v.v.i.	3	2. Physical Sciences

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-16847S	doc. RNDr. Martin Tancer, Ph.D.	Combinatorial structures, continuous mathematics and their impact on the design of efficient algorithms	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-16877S	Iurii Karpenko	QCD phase diagram and medium properties in heavy-ion collisions from few GeV to few TeV energies	České vysoké učení technické v Praze, Fakulta jaderná a fyzikálně inženýrská	3	2. Physical Sciences
25-16913S	Mgr. Jakub Švenda, Ph.D.	Novel building blocks for assembly of complex diterpene scaffolds.	Masarykova univerzita, Přírodovědecká fakulta	3	2. Physical Sciences
25-16958S	prof. RNDr. Stanislav Opluštil, Ph.D.	Tropical climate and vegetation response during the Late Paleozoic Ice Age; an integrated study of spatial and temporal variability	Univerzita Karlova, Přírodovědecká fakulta	3	2. Physical Sciences
25-17221S	Mgr. Martin Koutecký, Ph.D.	New Models of Trust and Voting Robustness in Large Multiagent Systems	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-17253S	doc. Mgr. Karel Lemr, Ph.D.	Collective entanglement witnesses enabling new discoveries and applications	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	2. Physical Sciences
25-17377S	Mykhaylo Tyomkyn	Deterministic processes on graphs and hypergraphs	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-17434S	prof. Ing. Aleš Růžička, Ph.D.	Dissymmetric multitopic ligands for metal-metal and metal-ligand cooperativity	Univerzita Pardubice, Fakulta chemicko-technologická	3	2. Physical Sciences
25-17472S	doc. Mgr. Petr Marek, Ph.D.	Grid states for optical quantum computation	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	2. Physical Sciences
25-17490S	Kyohoon Ahn, Ph.D.	Transverse transport effects in collinear and canted antiferromagnetic hexagonal alloys	Fyzikální ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-17532S	Dr. Michaela Kraus	Revealing the pulsation-induced mass loss of blue supergiants and its interplay with the interstellar medium	Astronomický ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-17534S	Prof. Gerhard Lammel, Ph.D.	Pesticides in the atmosphere - characterisation of their distribution and fate	Masarykova univerzita, Přírodovědecká fakulta	3	2. Physical Sciences
25-17543S	Mgr. Zdeněk Kameník, Ph.D.	Metabolomics toolkit for polar compounds developed using mouse-microbiota models	Mikrobiologický ústav AV ČR, v.v.i.	3	2. Physical Sciences

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25-17546S	Ing. Jan Dohnálek, Ph.D.	Protonation and coordination states critical for metallonuclease catalysis	Biotechnologický ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-17563S	doc. RNDr. Jan Petr, Ph.D.	Advanced characterization of nanoparticles and nanoclusters via capillary electrophoresis and related microtechniques	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	2. Physical Sciences
25-17587S	Mgr. Aleš Urban, Ph.D.	Climate change impacts on seasonal mortality variations	Česká zemědělská univerzita v Praze, Fakulta životního prostředí	3	2. Physical Sciences
25-17664S	Mgr. Jan Blahůt, Ph.D.	Patterns and trends of rock slope instability explained with thermal forcing in temperate climate	Ústav struktury a mechaniky hornin AV ČR, v.v.i.	3	2. Physical Sciences
25-17683S	Mgr. Anahí Villalba Pradas, PhD	Unravelling Subgrid-Scale Orography Effects on Composition in the Free Atmosphere (SCOPE)	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-17802S	Mgr. Petr Hellinger, Dr.	Plasma turbulence in the solar wind	Astronomický ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-17841S	Mgr. Michael Komm, Ph.D.	Can we achieve the inverse sheath in tokamak plasmas? Redefining the paradigm for plasma-wall interaction in future thermonuclear reactors	Ústav fyziky plazmatu AV ČR, v. v. i.	3	2. Physical Sciences
25-17964S	prof. RNDr. Petr Hermann, Ph.D.	Large polyaza macrocycles with coordinating pendant arms as ligands for large metal ions	Univerzita Karlova, Přírodovědecká fakulta	3	2. Physical Sciences
25-17976S	Mgr. Martin Margold, Ph.D.	Quaternary glaciation of the central European uplands and its palaeoclimate implications	Univerzita Karlova, Přírodovědecká fakulta	3	2. Physical Sciences
25-18001S	Mgr. Jiří Konopásek, Ph.D.	Geodynamic evolution of western Gondwana – insights from central Hoggar (Algeria) and the Kaoko Belt (Namibia)	Česká geologická služba	3	2. Physical Sciences
25-18003S	prof. RNDr. Roman Barták, Ph.D.	Using formal grammars and automata to acquire and verify domain control knowledge in planning	Univerzita Karlova, Matematicko-fyzikální fakulta	3	2. Physical Sciences
25-18042S	prof. RNDr. Miroslav Engliš, DrSc.	Reproducing kernels in complex analysis	Slezská univerzita v Opavě, Matematický ústav v Opavě	3	2. Physical Sciences
25-18076S	prof. RNDr. Martin Katora, CSc.	Molecular Editing of Aromatic Compounds	Univerzita Karlova, Přírodovědecká fakulta	3	2. Physical Sciences

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25-18078S	prof. RNDr. Ondřej Santolík, Dr.	Space weather variability reflected in properties of magnetospheric whistler mode waves	Ústav fyziky atmosféry AV ČR, v. v. i.	3	2. Physical Sciences
25-18181S	RNDr. Petr Novák, Ph.D.	Mapping Accessible Surface Area of Soluble and Membrane Proteins by Employing Reactive Probes	Mikrobiologický ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-18244S	Mgr. Jan Zemen, Ph.D.	Spin Dynamics of Non-collinear Antiferromagnets and Ferrimagnets	České vysoké učení technické v Praze, Fakulta elektrotechnická	3	2. Physical Sciences
25-18247S	doc. Ing. Pavel Jelínek, Ph.D.	Synthesis of 2D metal-organic/inorganic van der Waals heterostructures.	Fyzikální ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-18272S	RNDr. Tomáš Uxa, Ph.D.	Determining the influence of frost heave and thaw settlement on the thermal regime of frozen ground and its implementation in freeze-thaw models	Geofyzikální ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-18282S	prof. RNDr. Petr Heinzl, DrSc.	ESA space coronagraphy with Czech participation	Astronomický ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-18318S	Ing. Ondřej Lengál, Ph.D.	QUAK: Quantum Program Analysis using Automata Toolkit	Vysoké učení technické v Brně, Fakulta informačních technologií	3	2. Physical Sciences
25-18326S	RNDr. Lukáš Ondič, Ph.D.	Ensembles of silicon-vacancy color centers in diamond with narrow emission lines at cryogenic temperatures	Fyzikální ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-18335S	Daniel Gazda	Inference of strange baryon strong interactions from their bound states and scattering: a novel approach	Ústav jaderné fyziky AV ČR, v.v.i.	3	2. Physical Sciences
25-18370S	Mgr. Igor Soejono, Ph.D.	Origin and evolution of the oldest crust in the European Variscides – do the “Northern Gondwana” detrital age patterns work as a provenance tool?	Česká geologická služba	3	2. Physical Sciences
25-18408S	doc. Ing. Petr Neugebauer, Ph.D.	Control of the Quantum State of Molecular Magnets with graphene Field-Effect Transistors	Vysoké učení technické v Brně, Středoevropský technologický institut	3	2. Physical Sciences
25-18467S	Mgr. Markéta Paloncýová, Ph.D.	In-silico Workflow for Lipid-Mediated Active Pharmaceutical Ingredients Delivery Systems	Univerzita Palackého v Olomouci, Český institut výzkumu a pokročilých technologií	3	2. Physical Sciences

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25-18486S	RNDr. Libor Veis, Ph.D.	Multiscale chemical simulations on noisy quantum computers	Ústav fyzikální chemie J. Heyrovského AV ČR, v.v.i.	3	2. Physical Sciences
25-18493S	Dr. Anabella Araudo	Key to Cosmic Rays: A novel approach to a classical problem	Fyzikální ústav AV ČR, v.v.i.	3	2. Physical Sciences
25-15199S	Mgr. Hana Hanzlíková, Ph.D.	The DNA Damage Response and RNA Processing in Neurological Disorders	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-15222S	prof. RNDr. Tomáš Obšil, Ph.D.	Molecular basis of regulation of cyclin-dependent kinase CDK16 by 14-3-3 proteins	Univerzita Karlova, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-15252S	RNDr. Jan Neckář, Ph.D.	Effect of partial HIF-1 alpha deficiency on the progression of heart failure with preserved ejection fraction: new pharmacological therapies.	Fyziologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-15298S	prof. M.Sc. Vjačeslav Jurčenko, Ph.D.	Digging deeper: the endosymbiotic systems of trypanosomatids and diplomonads	Ostravská univerzita, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-15318S	prof. RNDr. Petr Volf, CSc.	Sand fly-Leishmania interaction: Two types of attachment as critical steps in parasite life cycle.	Univerzita Karlova, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-15339S	prof. PharmDr. Kamil Musílek, Ph.D.	Encapsulation of bisquaternary oxime reactivators into solid lipid nanoparticles for enhanced reactivation of cholinesterases in CNS	Univerzita Hradec Králové, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-15404S	Mgr. Dalibor Košek, Ph.D.	Nucleoprotein complexes in copy-out-paste-in DNA transposition	Fyziologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-15418S	prof. MUDr. David Sedmera, DSc.	Orchestrating the connections of the cardiac conduction system	Univerzita Karlova, 1. lékařská fakulta	3	3. Medical and Biological Sciences
25-15510S	RNDr. Daniel Sojka, Ph.D.	Hemoglobin as a source of iron, heme and amino acids during the asexual development of Babesia in host erythrocytes	Biologické centrum AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-15542S	RNDr. Pavel Janščík, CSc.	Molecular mechanisms involved in removing R-loops at sites of interference between DNA transcription and replication	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-15674S	prof. RNDr. Viktor Brabec, DrSc.	New generation of metal-based drugs for photocatalytic cancer therapy	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	3. Medical and Biological Sciences

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25-15684S	RNDr. Rostislav Tureček, Ph.D.	The role of auxiliary subunits of GABAB receptors in pathological conditions of the mouse sensory nervous system.	Ústav experimentální medicíny AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-15690S	RNDr. Martin Gregor, PhD.	Pathogenic mechanism and novel therapeutic approaches for plectin-related muscular dystrophy	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-15768S	RNDr. Petr Chytil, Ph.D.	Advanced polymer-based drug delivery systems bearing mitoxantrone and taxanes for the treatment of androgen-independent prostate carcinoma	Ústav makromolekulární chemie AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-15821S	Jan Mašek, Ph.D.	Focused on the liver portal triad: understanding the Jagged1 signaling within the periportal mesenchyme	Univerzita Karlova, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-15876S	RNDr. Gabriela Pavlínková, Ph.D.	Deciphering pancreas development and function at the single-cell level	Biotechnologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-15913S	Meritxell Alberich Jorda, Ph.D.	Deciphering transcriptional regulation and metabolic adaptations in hematopoietic stem cells during emergency granulopoiesis	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-15918S	prof. RNDr. Michal Masařík, Ph.D.	Unraveling the potential of new generation polymethinium salts for migrastatic and photoactivated therapies	Masarykova univerzita, Lékařská fakulta	3	3. Medical and Biological Sciences
25-16037S	prof. Mgr. Lukáš Žídek, Ph.D.	Protein liquid-liquid phase separation and intrinsic disorder in bacterial transcription	Masarykova univerzita, Středoevropský technologický institut	3	3. Medical and Biological Sciences
25-16094S	MUDr. Martin Rossmeisl, Ph.D.	The role of mesenteric adipose tissue as a barrier affecting the development of MASLD	Fyziologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-16166S	Mgr. Michaela Kuchynka, Ph.D.	Advanced stroke diagnostics: specific detection of biodegradable nanoparticles and their visualization in brain tissue by correlative imaging	Masarykova univerzita, Farmaceutická fakulta	3	3. Medical and Biological Sciences
25-16227S	RNDr. Jan Svoboda, Ph.D.	Navigating the Social Memories: Oxytocin's Multifaceted Role in Alzheimer's Disease	Fyziologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-16251S	RNDr. Jan Bobek, Ph.D.	Antimycotic potential of commensal streptomycetes to combat multidrug-resistant pathogenic micromycetes	Univerzita Karlova, 1. lékařská fakulta	3	3. Medical and Biological Sciences



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25-16337S	prof. PharmDr. Alena Sumová, CSc., DSc.	Impact of chronodisruption on the function of choroid plexus and the possibility of intervention by diet regime in both sexes	Fyziologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-16348S	RNDr. Marek Kovář, Ph.D.	Distinct roles of IL-2 for antigen-primed CD8+ and CD4+ T cells: a paradigm shift in T cell biology and implication for cancer immunotherapy	Mikrobiologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-16433S	RNDr. Aleš Balík, Ph.D.	Study of mouse models carrying clinically relevant missense or frameshift Grin2b gene variants associated with neurodevelopmental disorders	Fyziologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-16481S	prof. Martin Hof, Dr.rer.nat., DSc.	Subcellular Biogenesis and Trafficking of Exosomes in the Context of Alzheimer's Disease with a Specific Focus on SORL1	Ústav fyzikální chemie J. Heyrovského AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-16530S	Ing. Petra Matoušková, Ph.D.	How are drug-metabolizing enzymes regulated in parasitic nematodes?	Univerzita Karlova, Farmaceutická fakulta v Hradci Králové	3	3. Medical and Biological Sciences
25-16629S	RNDr. Jan Škoda, Ph.D.	Synthetic lethal interactions of the mitochondrial integrated stress response in MYC-driven tumors	Masarykova univerzita, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-16634S	Prof. RNDr. Vladimír Kryštof, Ph.D.	Pteridine modulators of oncogenic protein kinases	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-16671S	Marcus Braun, Ph.D.	CKAP5-mediated actin-microtubule crosstalk in axonal growth cone steering	Biotechnologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-16845S	doc. Mgr. Pavel Dvořák, Ph.D.	A new strategy for the assembly of biocatalytic scaffolds on bacterial surface for facilitated processing of polymeric waste	Masarykova univerzita, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-16873S	prof. MUDr. Mgr. Marek Mráz, Ph.D.	NON-CODING RNAS IN BCR SIGNALLING OF MALIGNANT B CELLS	Masarykova univerzita, Středoevropský technologický institut	3	3. Medical and Biological Sciences
25-16906S	prof. RNDr. Jan Tachezy, Ph.D.	Molecular mechanisms of Trichomonas vaginalis impact on Lactobacillus species: Implication for Vaginal Microbiota Dynamics	Univerzita Karlova, Přírodovědecká fakulta	3	3. Medical and Biological Sciences

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25-16907S	Mgr. Miroslav Hons, PhD	The role of sphingosine-1-phosphate receptor 1 in B cell mechanosensitivity.	Univerzita Karlova, 1. lékařská fakulta	3	3. Medical and Biological Sciences
25-16937S	doc. PharmDr. Jan Korábečný, Ph.D.	Toxicity-Driven Drug Optimization in Novel Antitubercular Agents	Fakultní nemocnice Hradec Králové	3	3. Medical and Biological Sciences
25-16979S	Ing. Lukáš Valihrač, Ph.D.	Spatially resolved single-cell transcriptomic map of human ischemic brain	Biotechnologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-17203S	doc. Mgr. Jarmila Zbytovská, Dr. rer. nat	Understanding the mechanisms of epidermal lipid barrier formation, damage and repair: implications for skin diseases	Vysoká škola chemicko-technologická v Praze, Fakulta chemické technologie	3	3. Medical and Biological Sciences
25-17207S	RNDr. Tomáš Valenta, PhD.	Pushing the limits of the cellular plasticity in the intestinal epithelium by altering the cellular fates of differentiated cells	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-17258S	Konstantinos Tripsianes, Ph.D.	Structural insights into the function of the key planar cell polarity regulator Vangl2	Masarykova univerzita, Středoevropský technologický institut	3	3. Medical and Biological Sciences
25-17299S	Mgr, Karel Říha, Ph.D.	Development and characterization of small molecules modulating activity of DNA-PK	Masarykova univerzita, Středoevropský technologický institut	3	3. Medical and Biological Sciences
25-17326S	doc. Mgr. Lumír Krejčí, Ph.D.	Structural characterisation of RAD51-G4 complex and its biological role	Masarykova univerzita, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-17343S	RNDr. Stanislava Bezdíček Králová, Ph.D.	Exploration of ribosomally synthesized natural product diversity in Antarctic extremophiles	Mendelova univerzita v Brně, Agronomická fakulta	3	3. Medical and Biological Sciences
25-17360S	prof. Mgr. Vítězslav Bryja, Ph.D.	Deciphering cellular and molecular principles of choroid plexus development	Masarykova univerzita, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-17400S	Mgr. Tomáš Pánek, Ph.D.	Anaerobic ciliates as a model group to study alternative nuclear genetic codes	Univerzita Karlova, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-17423S	prof. Mgr. Roman Tůma, Ph.D.	Molecular mechanism of juvenile hormone receptor activation	Jihočeská univerzita v Českých Budějovicích, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-17451S	Mgr. Pavel Doležal, Ph.D.	How does Giardia intestinalis build its cyst wall?	Univerzita Karlova, Přírodovědecká fakulta	3	3. Medical and Biological Sciences

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25-17578S	Mgr. Iva Mozgová, PhD	Green PRC2 – unexpected diversity on the path of Polycomb evolution	Biologické centrum AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-17580S	MUDr. Helena Pivoňková, Ph.D.	The effect of epilepsy and seizures of different etiology on activity-dependent myelination	Univerzita Karlova, 2. lékařská fakulta	3	3. Medical and Biological Sciences
25-17600S	Daniel Rozbeský	Molecular mechanisms of MICAL-mediated F-actin disassembly	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-17745S	doc. RNDr. Jiří Novotný, DSc.	Mechanismy neuroprotektivního účinku inhibitorů FTO při poškození mozkových mitochondrií a v Alzheimerově chorobe	Univerzita Karlova, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-17766S	Mgr. Stjepan Uldrijan, CSc.	Mechanistic insight into the eIF4F contribution to the development of melanoma resistance to clinical BRAF and MEK inhibitors	Masarykova univerzita, Lékařská fakulta	3	3. Medical and Biological Sciences
25-17789S	M.Sc. Pavel Flegontov, CSc.	An archaeogenetic window on the Slavic dispersal in the first millennium CE: Leveraging the power of cultural outliers and haplotype-sharing networks	Ostravská univerzita, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-17813S	Mgr. Martin Balaščík, Ph.D.	Adaptor proteins in control of mitochondrial transport, dynamics, brain development and disease	Fyziologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-17860S	Mgr. Robert Černý, Ph.D.	Evo-devo of the vertebrate pituitary on trial: pharyngeal and secretory proto-pituitary gland in basal fish embryos	Univerzita Karlova, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-17940S	Professor John Jefferys, PhD FMedSci	Infra-slow brain potentials: properties, mechanisms, and functional implications in healthy and epileptic brains.	Univerzita Karlova, 2. lékařská fakulta	3	3. Medical and Biological Sciences
25-18052S	Mgr. Jaroslav Truksa, Ph.D.	Metabolic adaptations of cancer cells: The role of amino acid metabolism in cancer resistance and treatment	Biotechnologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-18085S	Lukáš Čermák, PhD.	Deciphering DCAF12: A Key Player in Genomic Stability and Cancer	Ústav molekulární genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-18087S	doc. Mgr. Jan Křivánek, Ph.D.	Cellular Basis of Dental Healing	Masarykova univerzita, Lékařská fakulta	3	3. Medical and Biological Sciences
25-18102S	prof. Ing. Peter Šebo, CSc.	Suppression of the airway mucosa antimicrobial defense by the whooping cough agent	Mikrobiologický ústav AV ČR, v.v.i.	3	3. Medical and Biological Sciences

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-18205S	Ing. RNDr. Martin Marek, Ph.D.	Decoding the molecular principles of marine bioluminescence	Masarykova univerzita, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-18241S	RNDr. Dávid Drutovič, Ph.D.	Signaling pathways regulating genome integrity during oocyte-to-embryo transition	Ústav živočišné fyziologie a genetiky AV ČR, v.v.i.	3	3. Medical and Biological Sciences
25-18368S	RNDr. Zdeněk Andrysík, Ph.D.	Empowering the p53 to trigger cell death in tumors	Masarykova univerzita, Lékařská fakulta	3	3. Medical and Biological Sciences
25-18490S	RNDr. Ondřej Vaněk, Ph.D.	Structural immunology of NK cell recognition: from tumor evasion to its eradication	Univerzita Karlova, Přírodovědecká fakulta	3	3. Medical and Biological Sciences
25-15229S	doc. Mgr. Pavel Skopal, Ph.D.	Social Networks, Art Worlds and Cultural Transfers in Czechoslovak Animated Film (1939-1992)	Masarykova univerzita, Filozofická fakulta	3	4. Social Sciences and Humanities
25-15267S	doc. Mgr. David Fiedor, Ph.D.	Borders in the gambling landscape: impacts on society and its at-risk groups	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	4. Social Sciences and Humanities
25-15301S	Jaroslav Weinfurter, M.A., M.Sc., Ph.D.	International Relations and the 'Great Immunological Transformation': Adapting Thought and Practice to the Challenges of the Anthropocene	Vysoká škola ekonomická v Praze, Fakulta mezinárodních vztahů	3	4. Social Sciences and Humanities
25-15341S	Vratislav Havlík, Ph.D.	Governance of Metropolitan Regions – Who Actually Governs Them and How?	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
25-15350S	prof. PhDr. Jan Radimský, Ph.D.	How do word formation patterns emerge? An empirical diachronic analysis of Italian N+N compounds	Jihočeská univerzita v Českých Budějovicích, Filozofická fakulta	3	4. Social Sciences and Humanities
25-15405S	prof. Ing. Petr Hájek, Ph.D.	Multimodal Financial Sentiment Analysis for Predicting Financial Markets	Univerzita Pardubice, Fakulta ekonomicko-správní	3	4. Social Sciences and Humanities
25-15417S	PhDr. Martin Kuna, CSc., DSc.	A form of social integration or a glitch in the matrix? The early medieval 'megasite' of Rožtoky (6th-7th century AD)	Archeologický ústav AV ČR, Praha, v.v.i.	3	4. Social Sciences and Humanities
25-15433S	Mgr. Marie Buňatová, Dr.phil.	Prague as one of the centres of the Italian trade and financial network (1611-1627)	Historický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-15472S	PhDr. Ondřej Žíla, Ph.D.	Negotiating 'Serbhood': Layers of memories among the Serbs in the post-Yugoslav and post-war space	Univerzita Karlova, Fakulta sociálních věd	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-15503S	Mgr. Šárka Kolmašová, Ph.D.	Transmission of Anti-Gender Radicalism within Right-Wing Parties, Movements, and Communities across V4 Countries	Metropolitní univerzita Praha, o.p.s.	3	4. Social Sciences and Humanities
25-15505S	Jozef Miškolci, M.A., PhD.	Exploring Teacher-Centred and Student-Centred Teaching as Contradictory Paths towards Inclusive Education in Primary Schools	Masarykova univerzita, Pedagogická fakulta	3	4. Social Sciences and Humanities
25-15514S	doc. Mgr. Ing. Lukáš Zagata, Ph.D.	Eco-habitus: farmers' adaptive strategies for increasing resilience to climate change	Česká zemědělská univerzita v Praze, Provozně ekonomická fakulta	3	4. Social Sciences and Humanities
25-15529S	Mgr. Tomáš Havelka, Ph.D.	Manuscript Practices and the Textuality of Exile Communities from the Czech Lands in the 1620s and 1630s	Filosofický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-15545S	PhDr. Markéta Holubová, Ph.D.	Christological Broadside Ballads in oral tradition	Etnologický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-15601S	Mgr. Pavel Caha, Ph.D.	Stem morphology (STEMOR)	Masarykova univerzita, Filozofická fakulta	3	4. Social Sciences and Humanities
25-15612S	prof. PhDr. Tomáš Katrňák, Ph.D.	Values at the Crossroads: Czech and European values in times of new societal challenges	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
25-15625S	Ing. Miloš Fišar, Ph.D.	Auctions and Innovations: Experimental Approach to Study Auction Mechanism Designs	Masarykova univerzita, Ekonomicko-správní fakulta	3	4. Social Sciences and Humanities
25-15640S	Kristína Czekóová, Ph.D.	Neurocognitive foundations of social cognition and interpersonal behaviour	Psychologický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-15645S	Mgr. Péter Szabó, Ph.D.	Constant crisis: an environmental history of Czech forestry in the long 19th century	Botanický ústav AV ČR, v. v. i.	3	4. Social Sciences and Humanities
25-15668S	Ph.Dr. Katarína Zvončáková, Ph.D.	Graphomotor skills: Between Maturity and Readiness	Psychologický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-15697S	Mgr. Adam Klocek, Ph.D.	The Moment of Change: How Peer-relationships Become Toxic and Healthy Again Using a Catastrophe Theory.	Psychologický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-15714S	doc. Mgr. Milan Hladík, Ph.D.	Advanced theory of robustness in operations research and optimization models	Univerzita Karlova, Matematicko-fyzikální fakulta	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-15735S	Michal Šoltés, PhD	Sentencing Disparities: Causes, Consequences, and Remedies	Univerzita Karlova, Právnická fakulta	3	4. Social Sciences and Humanities
25-15751S	doc. RNDr. Martin Branda, Ph.D.	New methods in operations research for managerial decisions in waste management	Univerzita Karlova, Matematicko-fyzikální fakulta	3	4. Social Sciences and Humanities
25-15794S	Mgr. Marcela Slavíková, Ph.D.	Europa Humanistica III. Sigismundus Gelenius (1497–1554) and His Editions and Translations of Ancient Classics	Filosofický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-15818S	doc. PhDr. Martin Musílek, Ph.D.	Rental Housing in Medieval and Early Modern Prague in an International Perspective	Filosofický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-15844S	RNDr. Šárka Hudecová, Ph.D.	Structural tests based on the optimal transport	Univerzita Karlova, Matematicko-fyzikální fakulta	3	4. Social Sciences and Humanities
25-15848S	Mgr. Martin Moník, Ph.D.	Tracing mobility patterns of Gravettian hunter-gatherers through chemical fingerprinting of exotic flints and cherts	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	3	4. Social Sciences and Humanities
25-15880S	Mgr. et Mgr. Markéta Dudzиковá, Ph.D.	The Desire for Good and the Anticipation of the Future in the Alexandrian Exegetical Tradition	Univerzita Pardubice, Fakulta filozofická	3	4. Social Sciences and Humanities
25-15886S	Marek Brčák	Religious Orders' "Studia" as an Alternative to University Education. Case Study of the Bohemian-Moravian Capuchin Province, 1673–1783	Univerzita Karlova, Ústav dějin Univerzity Karlovy a Archiv Univerzity Karlovy	3	4. Social Sciences and Humanities
25-15975S	doc. Mgr. Radim Bělohrad, Ph.D.	Identity Politics – Metaphysics and Epistemology	Masarykova univerzita, Filozofická fakulta	3	4. Social Sciences and Humanities
25-15980S	Mgr. et Mgr. Lukáš Tichý, Ph.D.	The Transformation of the EU neighbourhood and the Associated Changes of Energy Interdependence	Metropolitní univerzita Praha, o.p.s.	3	4. Social Sciences and Humanities
25-16014S	PhDr. Roman Doušek, Ph.D.	Uranium miners and local communities in West Moravia, 1957-2017	Masarykova univerzita, Filozofická fakulta	3	4. Social Sciences and Humanities
25-16018S	Mgr. Lukáš Friedl, Ph.D.	Phylogenetic reconstruction and long bone functional morphology in South African hominins	Západočeská univerzita v Plzni, Fakulta filozofická	3	4. Social Sciences and Humanities
25-16092S	doc. Mgr. Hynek Bartoš, Ph.D.	Balanced mixtures and mixed constitutions	Univerzita Karlova, Fakulta humanitních studií	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-16125S	PhDr. Lenka Vochocová, Ph.D.	Gender aspects of disinformation dissemination and reception from the perspective of the theory of social media performativity and identity theory	Univerzita Karlova, Fakulta sociálních věd	3	4. Social Sciences and Humanities
25-16132S	doc. Mgr. Olga Dontcheva-Navrátilová, Ph.D.	Recontextualization strategies in new multimodal genres of research dissemination	Masarykova univerzita, Pedagogická fakulta	3	4. Social Sciences and Humanities
25-16148S	doc. JUDr. Jana Ondřejková, Ph.D.	Political Parties and the Constitutional Court of the Czech Republic: Theory and Practice	Univerzita Karlova, Právnická fakulta	3	4. Social Sciences and Humanities
25-16159S	Mgr. Doubravka Olšáková, Ph.D.	Forging Peace in the Shadows: Czechoslovak Pugwash and Pugwash in Czechoslovakia	Univerzita Karlova, Fakulta sociálních věd	3	4. Social Sciences and Humanities
25-16174S	Mgr. Dana Hradcová, Ph.D.	Overcoming (total) institutions: Strategies for dis/ablement and de/institutionalisation	Univerzita Karlova, Fakulta humanitních studií	3	4. Social Sciences and Humanities
25-16186S	Mgr. Jakub Mihálik, Ph.D.	Monism and the Subjectivity Challenge	Filosofický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-16187S	Bartłomiej Bednarek	Death and the Youth: A Study of Dionysian Eschatology	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities
25-16197S	prof. Ing. et Ing. Ondřej Machek, Ph.D.	A dynamic capability perspective of SME innovativeness: The role of the dominant coalition	Vysoká škola ekonomická v Praze, Fakulta podnikohospodářská	3	4. Social Sciences and Humanities
25-16279S	RNDr. Eva Landová, Ph.D.	Comparing fear of snakes and spiders: developmental or evolutionary origin of specific animal phobias?	Univerzita Karlova, Přírodovědecká fakulta	3	4. Social Sciences and Humanities
25-16298S	Robert Roreitner	Aristotle on the Nature of Human Thinking	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities
25-16317S	prof. Mgr. Jan Chovanec, Ph.D.	Linguistic construction of authenticity in mediated discourse	Masarykova univerzita, Filozofická fakulta	3	4. Social Sciences and Humanities
25-16349S	PhDr. Hana Maříková, Ph.D.	Gender pay gap in an organisational perspective	Sociologický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-16383S	doc. Mgr. Tomáš Jirsa, Ph.D.	The Aesthetic and Political Practices of East-Central European Music Videos after 2000	Univerzita Palackého v Olomouci, Filozofická fakulta	3	4. Social Sciences and Humanities
25-16434S	doc. David Vopřada, Dr.	Philo's 'Sober Intoxication' in Christian Philosophy and Theology	Univerzita Hradec Králové, Pedagogická fakulta	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-16436S	PhDr. Jaroslava Hasmanová Marhánková, Ph.D.	Local Lives of Antibiotics: Antibiotic Prescription and Consumption as Cultural Practices	Univerzita Karlova, Fakulta sociálních věd	3	4. Social Sciences and Humanities
25-16437S	prof. Matthew Rampley, B.A., Ph.D.	Across the Wide World: The 'Exotic' in Czechoslovak Popular Illustrated Magazines, 1900-1989	Masarykova univerzita, Filozofická fakulta	3	4. Social Sciences and Humanities
25-16478S	RNDr. Lenka Krajňáková, Ph.D.	Is certainty in wrong answers the best non-cognitive predictor of misconceptions in pupils of various ages?	Univerzita Karlova, Přírodovědecká fakulta	3	4. Social Sciences and Humanities
25-16489S	RNDr. Zuzana Haniková, Ph.D.	Modern Czech Logic within the Philosophy of Mathematics	Ústav informatiky AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-16496S	Doc. Mgr. Anna Pumprová, Ph.D.	Books about theological and philosophical questions by John of Jenstein: a critical edition and literary analysis	Ostravská univerzita, Filozofická fakulta	3	4. Social Sciences and Humanities
25-16501S	doc. Mgr. Šárka Bubíková, Ph.D.	British and American Crime Fiction from the Perspective of Non-Places	Univerzita Pardubice, Fakulta filozofická	3	4. Social Sciences and Humanities
25-16515S	Mgr. Stanislav Bárta, Ph.D.	The emperor's city between diplomacy and war. The communication between Sigismund of Luxembourg and the imperial city of Nuremberg.	Masarykova univerzita, Filozofická fakulta	3	4. Social Sciences and Humanities
25-16528S	doc. PhDr. Mlada Holá, PhD.	„Neuböhmen" in the Transformations of the Bohemian Crown in the Late Middle Ages	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities
25-16561S	Ing. Martin Srholec, Ph.D.	Studies on human resources, mobility and academic inbreeding in higher education	Národohospodářský ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-16604S	PhDr. Ondřej Schmidt, Ph.D.	Fragmented Memory: Decoding Visconti Correspondence from the Court of King Wenceslas	Masarykova univerzita, Filozofická fakulta	3	4. Social Sciences and Humanities
25-16668S	Mgr. Alena Pokorná Bičáková, M.A., M.Phil., Ph.D.	The Impact of Economic Conditions on Human Capital Investment Choices and Future Labor Market Outcomes	Univerzita Karlova, Centrum pro ekonomický výzkum a doktorská studia	3	4. Social Sciences and Humanities
25-16716S	Mgr. Veronika Kolářová, Ph.D.	Czech non-verbal predicates motivated by nouns and their syntactic behavior	Univerzita Karlova, Matematicko-fyzikální fakulta	3	4. Social Sciences and Humanities
25-16761S	RNDr. Šárka Kaňková, Ph.D.	Exploring disgust sensitivity during major transitions across non-pregnant women's reproductive lifecycle	Univerzita Karlova, Přírodovědecká fakulta	3	4. Social Sciences and Humanities



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25-16771S	doc.Mgr. Daniel Heider, Ph.D.	The Notion of Attention in Francisco Suárez and Other Second Scholastics	Jihočeská univerzita v Českých Budějovicích, Teologická fakulta	3	4. Social Sciences and Humanities
25-16870S	Ing. Dušan Hrabec, Ph.D.	Stochastic and dynamic models in logistics	Univerzita Tomáše Bati ve Zlíně, Fakulta aplikované informatiky	3	4. Social Sciences and Humanities
25-16883S	prof.PhDr. Tomáš Kasper, Ph.D.	For a New Model of Educational Sciences - Totalitarianism, Ideology and Political Instrumentalization in Educational Sciences in the Communist Period	Technická univerzita v Liberci, Fakulta přírodovědně-humanitní a pedagogická	3	4. Social Sciences and Humanities
25-16933S	Mgr. Klára Bártová, Ph.D. et Ph.D.	The influence of gender nonconformity on minority stress and well-being in individuals of diverse sexual orientations	Národní ústav duševního zdraví	3	4. Social Sciences and Humanities
25-16951S	doc. RNDr. Patrícia Martinková, Ph.D.	Complex analysis of educational measurement data to understand cognitive demands of assessment tasks	Ústav informatiky AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-16961S	Mgr. Jakub Jirsa, PhD.	Aristotle on the best life and its structure	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities
25-17089S	dr. hab. Mirosław Jankowiak	Dialect Contact on the West and East Slavonic Borderland	Slovanský ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-17190S	PhDr. Ondřej Vojtěchovský, Ph.D.	The Break-up of Yugoslavia and Czechoslovakia in Mutual Reflections. Stereotypes – Interpretations – Comparisons	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities
25-17198S	Mgr. Karolina Jirkalová, Ph.D.	The Challenges of Czech Architecture after 1989	Univerzita Karlova, Centrum pro teoretická studia	3	4. Social Sciences and Humanities
25-17216S	Aleš Karmazin, Ph.D., M.Sc. et M.Sc.	Fabricating Anti-Western and Post-Colonial (Dis)order: China, Russia, India and Politics beyond the Liberal International Order	Metropolitní univerzita Praha, o.p.s.	3	4. Social Sciences and Humanities
25-17273S	Mgr. Tereza Hadravová, Ph.D.	Susanne K. Langer: Cognitive Aesthetics	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities
25-17304S	doc. PhDr. Alice Jedličková, CSc.	Mythologization, Folklorization, Re-interpretation: Illustrated Editions of Erben's Kytice 1861–2024 in Intermedial and Cultural-Historical Perspective	Ústav pro českou literaturu AV ČR, v.v.i.	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-17339S	Maxim Senkov, Ph.D.	Economic Theories of Informational Incentives: Dynamics, Policy, Institutions	Evropská výzkumná univerzita, z.ú.	3	4. Social Sciences and Humanities
25-17369S	doc. Mgr. Hynek Böhm, Ph.D.	Analysing Resilience of Trilateral Borderlands in the Period of Polycrisis	Technická univerzita v Liberci, Fakulta přírodovědně-humanitní a pedagogická	3	4. Social Sciences and Humanities
25-17417S	Mgr. et Mgr Lea Takács, Ph.D.	Examining the effects of psychosocial stress in pregnancy on child temperament from the social-ecological model perspective – a Big Data study	AMBIS vysoká škola, a.s.	3	4. Social Sciences and Humanities
25-17430S	Mgr. Ondřej Tichý, Ph.D.	Countability in the History of English	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities
25-17442S	prof. Ing. Štěpán Jurajda, Ph.D.	Geographical Wage Premia Based on McWages	Univerzita Karlova, Centrum pro ekonomický výzkum a doktorská studia	3	4. Social Sciences and Humanities
25-17471S	Radim Chvaja	War-induced insecurity, religiosity, and social support among Ukrainian refugee mothers in the Czech Republic	Evropská výzkumná univerzita, z.ú.	3	4. Social Sciences and Humanities
25-17477S	Preston Stovall, Ph.D.	Adopting the Perspectives of Others: Empathy and Shared Intentionality in Human Social Life	Univerzita Hradec Králové, Filozofická fakulta	3	4. Social Sciences and Humanities
25-17479S	Tomáš Murár	Max Dvořák's opera inedita. Institutionalization, self-identification and affectivity in the history of art.	Ústav dějin umění AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-17485S	Mgr. Daniela Iwashita, Ph.D.	The Silenced Poet? Jakub Deml's "Private" Manuscripts, Letters and Correspondence Network Under Political Censorship in the 1940s and 1950s	Ústav pro českou literaturu AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-17533S	Marián Sloboda	Czech-Slovak contact and communication in the period since the split of the federation	Univerzita Karlova, Filozofická fakulta	3	4. Social Sciences and Humanities
25-17561S	doc. JUDr. Petr Lavický, Ph.D.	Model European Rules of Civil Procedure as a Source of Inspiration for Civil Procedure Reform	Masarykova univerzita, Právnická fakulta	3	4. Social Sciences and Humanities
25-17638S	doc. Ing. Martin Hodula, Ph.D.	Geopolitical Risks, Pandemics and Macro-Financial Stability	Vysoká škola báňská - Technická univerzita Ostrava, Ekonomická fakulta	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-17644S	Mgr. Marie Krappmann, PhD.	Little Big Translation Literature – Czech and German Translations of Yiddish Literature as a Reflection of Changing Politics and Society	Univerzita Palackého v Olomouci, Filozofická fakulta	3	4. Social Sciences and Humanities
25-17679S	doc. JUDr. Matěj Myška, Ph.D.	Online Platforms and Copyright Enforcement	Masarykova univerzita, Právnická fakulta	3	4. Social Sciences and Humanities
25-17711S	Miriam Matejova, PhD	How do environmental disasters affect political behaviour?	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
25-17726S	Mgr. Klára Kudlová, Ph.D.	The transition of two Czechoslovak Čapek's plays in the US and the UK in the 1920s/1930s: Intercultural Contexts, Contents and Political Impacts	Ústav pro českou literaturu AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-17757S	Marta Edith Holečková	Privatization of the housing stock and changes in housing policy 1990-2006 in Czechoslovakia and the Czech Republic.	Ústav pro soudobé dějiny AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-17769S	PhDr. Jaromír Baxa, Ph.D.	Understanding Household Responses to Inflation: Insights from Randomized Controlled Trials after High Inflation	Ústav teorie informace a automatizace AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-17777S	PhDr. et Mgr. Pavel Horák, Ph.D.	Protest Culture in the Bohemian Lands between 1890 and 1938	Masarykův ústav a Archiv AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-17787S	doc. Ing. Petr Houdek, Ph.D.	Strategic Moralization in Organizations: Experiments in the Lab and Virtual Reality	Vysoká škola ekonomická v Praze, Fakulta podnikohospodářská	3	4. Social Sciences and Humanities
25-17796S	Petr Ocelík	Tracing the Policy Change: How Policy Networks Affect the Making of Czech Climate Policy?	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
25-17801S	Gabriela Gore-Gorszewska, Ph.D	Sexual health and well-being among adults 50+ in Czechia and Poland: Information and support seeking.	Masarykova univerzita, Fakulta sociálních studií	3	4. Social Sciences and Humanities
25-17834S	JUDr., Mgr. Filip Horák, Ph.D.	The Omitted Prongs of the Proportionality Test: Theoretical and Empirical Framework for Judicial Review of Rational Connection and Permissible Purpose	Univerzita Karlova, Právnická fakulta	3	4. Social Sciences and Humanities
25-17884S	MSc. Kateřina Klapilová, Ph.D.	How early sexual trauma relates to offense-supportive cognitions and vulnerability to sexual perpetration/victimization in adulthood	Národní ústav duševního zdraví	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-17902S	Mgr. Milan Hain, Ph.D.	Miloš Forman: Constructing Film Authorship Across Two Continents	Univerzita Palackého v Olomouci, Filozofická fakulta	3	4. Social Sciences and Humanities
25-18000S	Dr. Lucie Ryzova, D.Phil.	Chronicles of Hosni: Love, Texts and Selfhood in Late Colonial Egypt	Orientální ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-18028S	prof. RNDr. Ing. Michal Černý, Ph.D.	Dynamic ranking and scoring	Vysoká škola ekonomická v Praze, Fakulta informatiky a statistiky	3	4. Social Sciences and Humanities
25-18063S	Mgr. Jiří Malý, Ph.D.	Urban space renewal as a path to socially just mobilities? A multi-scalar approach	Ústav geoniky AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-18070S	Ing. Petr Tichavský, CSc.	Solving High-Dimensional Dynamic Programming Problems in Economics	Ústav teorie informace a automatizace AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-18101S	doc. Mgr. Dagmar Sigmundová, Ph.D.	A LONGITUDINAL STUDY OF CHANGES IN 24-HOUR MOVEMENT BEHAVIOUR OF FAMILIES WITH YOUNG SCHOOL-AGED CHILDREN	Univerzita Palackého v Olomouci, Fakulta tělesné kultury	3	4. Social Sciences and Humanities
25-18113S	doc. Mgr. Matěj Hoffmann, Ph.D.	Understanding infant body know-how development through baby humanoid robots	České vysoké učení technické v Praze, Fakulta elektrotechnická	3	4. Social Sciences and Humanities
25-18120S	prof. PhDr. Filip Smolík, Ph.D. DSc.	Sentence structure prediction and prediction error in Czech language acquisition	Psychologický ústav AV ČR, v.v.i.	3	4. Social Sciences and Humanities
25-18176S	Mgr. Jan Kolář, Ph.D.	Grazing through time: Human-herbivore dynamics in woodland ecosystems from the Neolithic to the Early Bronze Age	Archeologický ústav AV ČR, Praha, v.v.i.	3	4. Social Sciences and Humanities
25-18424S	doc. RNDr. Jiřina Kocourková, Ph.D.	Contemporary reproduction challenges: fertility in Czechia at a time of multiple crises	Univerzita Karlova, Přírodovědecká fakulta	3	4. Social Sciences and Humanities
25-18457S	Prof. Ing. Evžen Kočenda, Ph.D.	Dynamics in ownership patterns of multinational banks	Mendelova univerzita v Brně, Provozně ekonomická fakulta	3	4. Social Sciences and Humanities
25-18461S	Assoc. prof. Alla Fedorova, Ph.D.	Social Rights of Temporary Protected Persons from Ukraine in the EU Countries: the Evolution and Key Challenges of Further Development	Univerzita Palackého v Olomouci, Právnická fakulta	3	4. Social Sciences and Humanities
25-18528S	doc. JUDr. Tomáš Doležal, Ph.D. LL.M.	Protection of personality rights in tort law	Ústav státu a práva AV ČR, v.v.i.	3	4. Social Sciences and Humanities

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-18562S	Dr. Phil. Anna Michalík Kvíčalová, MA	Sound as evidence: Listening in the field and the laboratory in 20th-century Czech science	Univerzita Karlova, Centrum pro teoretická studia	3	4. Social Sciences and Humanities
25-15186S	doc. Mgr. Aleš Pečinka, Ph.D.	Role of DNA clamp complexes in the maintenance of genome stability in Arabidopsis	Ústav experimentální botaniky AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-15190S	doc. RNDr. Zdeňka Lososová, Ph.D.	Urbanized landscape as a human contribution to the diversity of nature: integrating urban ecology and urban biology	Masarykova univerzita, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-15192S	Ing. Václav Mahelka, Ph.D.	Driver or hitchhiker? The role of horizontal gene transfer in the climate adaptation of a wild Hordeum species	Botanický ústav AV ČR, v. v. i.	3	5. Agricultural and Biological-Environmental Sciences
25-15226S	prof. Ing. Ondřej Uhlík, Ph.D.	Hidden Gems of Microbial Diversity: Geothermally Heated Groundwaters as a Source of Phylogenetically Novel and Metabolically Rare Prokaryotes	Vysoká škola chemicko-technologická v Praze, Fakulta potravinářské a biochemické technologie	3	5. Agricultural and Biological-Environmental Sciences
25-15235S	Prof. RNDr. Milan Chytrý, Ph.D.	European hotspots of local plant community species richness: origin and current changes	Masarykova univerzita, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-15251S	Tomáš Větrovský	Biogeography of soil bacteria from local to global scale	Mikrobiologický ústav AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-15450S	Mgr. Martina Réblová, Ph.D.	Unveiling the hidden nature of Cephalothecales: Partners or Pathogens?	Botanický ústav AV ČR, v. v. i.	3	5. Agricultural and Biological-Environmental Sciences

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-15453S	Ing. Marcela Nouzová, Ph.D.	Regulation of juvenile hormone synthesis in mosquitoes	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-15506S	RNDr. Petr Klimeš, Ph.D.	Impacts of drought on the community structure of subtropical leaf litter arthropods and their food-web interactions	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-15551S	Doc. Mgr. Lumír Gvoždík, Ph.D.	Vulnerability of ectotherms to extreme temperatures: from mechanisms to climate change projections	Ústav biologie obratlovců AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-15569S	doc Jeffrey Nekola, Ph.D.	Biodiversity related to environmental stability: A novel test based on boreal oceanic land-snail communities and their genetics	Masarykova univerzita, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-15611S	prof. Ing. Miroslav Oborník, Ph.D.	Heterotrophic growth of chromerid algae: metabolic adaptation to growth without access to light.	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-15627S	RNDr. Ondřej Mudrák, Ph.D.	Two in one: Can grassland biodiversity be restored through soil carbon sequestration?	Univerzita Karlova, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-15633S	Docent Michael Wrzaczek, PhD	RLK-mediated control of sugar transport in development and stress responses in plants	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-15727S	RNDr. Jan Altman, Ph.D.	Can poleward migration of tropical cyclones boost temperate forest expansion to compensate for the warming-induced decline of southern boreal forests?	Botanický ústav AV ČR, v. v. i.	3	5. Agricultural and Biological-Environmental Sciences

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-15809S	Ing. Pavel Neumann, Ph.D.	Composition of plant kinetochores and its evolutionary plasticity in the context of centromere organization	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-15813S	MSc. Michaela Salcher, Ph.D.	Mechanisms of growth and survival in freshwater oligotrophs (MEGASO)	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-15831S	Mgr. Veronika Horsáková, Ph.D.	Understanding the current threats to wetland biodiversity: from micro- to macroorganisms, and fossils to population genetics	Masarykova univerzita, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-15900S	Mgr. Zuzana Kolaříková, Ph.D.	Is seasonality a trait of arbuscular mycorrhizal fungi in the temperate zone?	Botanický ústav AV ČR, v. v. i.	3	5. Agricultural and Biological-Environmental Sciences
25-15920S	Dr. Paul-Adrian Bulzu	Polinton-like Viruses: Guardians or Predators of Protists?	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-15952S	Prof. RNDr. Jan Lepš, CSc.	Coupling of the plant leaf economic spectrum, litter decomposition, and soil biota: When do they fit together?	Jihočeská univerzita v Českých Budějovicích, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-16047S	RNDr. Pavla Sojková, Ph.D.	Hidden in the honeycomb: Microsporidian and trypanosomatid parasites in bees identified by metabarcoding approach	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-16062S	RNDr. Martin Volf, Ph.D.	Are tropical plants chemically diverse or just different? Exploring Latitudinal Turnover in Plant Chemical Strategies	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-16064S	RNDr. Ondřej Hajdušek, Ph.D.	Borrelia elimination in ticks: unveiling vaccine mechanisms	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-16142S	prof. Mgr. Martin Lysák, Ph.D., DSc.	The giants among Lilliputians: genome obesity in crucifers	Masarykova univerzita, Středoevropský technologický institut	3	5. Agricultural and Biological-Environmental Sciences
25-16176S	RNDr. Jan Divíšek, Ph.D.	Functional traits and phylogeny as determinants of invasion success in European plant communities	Masarykova univerzita, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-16195S	Albert Cairo Calzada	Regulation of translation during plant stress response	Masarykova univerzita, Středoevropský technologický institut	3	5. Agricultural and Biological-Environmental Sciences
25-16238S	Petra Straková	Integrating Fourier-Transform Infrared Spectroscopy (FTIR) into Peatland Carbon Models: From Local to Global Perspective	Jihočeská univerzita v Českých Budějovicích, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-16274S	Mgr. Filip Harabiš, Ph.D.	Maladaptive behavior and species turnover as a key to understanding the vulnerability of freshwater communities to rapid environmental changes	Česká zemědělská univerzita v Praze, Fakulta životního prostředí	3	5. Agricultural and Biological-Environmental Sciences
25-16290S	Mgr. Jan Bartoš, Ph.D.	Characterization of selected candidate factors contributing to nondisjunction of the maize B chromosome	Ústav experimentální botaniky AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-16341S	prof. RNDr. Michael Komárek, Ph.D.	Forever Chemicals in the Food Chain: Lessons from Remote Areas	Česká zemědělská univerzita v Praze, Fakulta životního prostředí	3	5. Agricultural and Biological-Environmental Sciences



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25-16449S	Mgr. Ivan Kulich, Ph.D.	Fantastic CNGC channels and how to open them	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-16506S	Ing. Marcel Karabín, Ph.D.	Interaction of polyphenol antioxidants with cereal starch and proteins under extrusion conditions	Vysoká škola chemicko-technologická v Praze, Fakulta potravinářské a biochemické technologie	3	5. Agricultural and Biological-Environmental Sciences
25-16558S	prof. RNDr. Ivan Čepička, Ph.D.	Long way to the rumen: Evolution and syntrophic symbioses of anaerobic predatory ciliates from the class Litostomatea	Univerzita Karlova, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-16674S	Michail Rovatsos, Ph.D.	How does the genome feel the heat? Effect of incubation temperatures on gene expression, transposon activity and recombination in squamate reptiles.	Univerzita Karlova, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-16796S	RNDr. Aleš Kovařík, CSc.	Building Barbara McClintock's legacy: Evolution of ribosomal DNA in chromosomal context	Biofyzikální ústav AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-16833S	doc. Mgr. Michal Koblížek, Ph.D.	Dual phototrophy (DualPhoto)	Mikrobiologický ústav AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-17195S	RNDr. Radka Reifová, Ph.D.	The fate of immortality: Understanding the mechanisms of germline-soma distinction in birds	Univerzita Karlova, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-17229S	RNDr. Pavel Rössner, Ph.D.	A study of epigenetic memory as a tool to reduce negative impacts of exposure to nanoparticles	Ústav experimentální medicíny AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-17301S	MSc. Nataliia Rudenko, Ph.D.	Vector-free transmission of Lyme borreliosis spirochetes	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-17315S	doc. RNDr. Kateřina Komrsková, Ph.D.	Deciphering crosstalk of protein networks in fertilisation success.	Biotechnologický ústav AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-17320S	RNDr. Antonín Macháč, Ph.D.	Diversity dynamics in climate space	Mikrobiologický ústav AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-17336S	Dr Anne Daebeler	Undercover under anoxia: Investigating the understudied anaerobic metabolic activity of nitrifiers	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-17362S	doc. Ing. Markéta Zárybnická, Ph.D.	Small mammals as key indicators of sublethal impacts of air pollution and metal(loid) deposition in terrestrial ecosystems	Česká zemědělská univerzita v Praze, Fakulta životního prostředí	3	5. Agricultural and Biological-Environmental Sciences
25-17373S	RNDr. Jan Brabec, PhD.	Understanding the evolution of amphizoic organisms: genomic basis and metabolic potential of organisms capable of living freely and inside hosts	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-17469S	prof. MVDr. Ivo Pavlík, CSc.	Bats and mycobacteria: New and surprising vector?	Mendelova univerzita v Brně, Fakulta regionálního rozvoje a mezinárodních studií	3	5. Agricultural and Biological-Environmental Sciences
25-17470S	Ing. Kateřina Grabicová, Ph.D.	Consequences of pharmaceuticals present in the aquatic environment: can laboratory results be transferred into the real ecosystem?	Jihočeská univerzita v Českých Budějovicích, Fakulta rybářství a ochrany vod	3	5. Agricultural and Biological-Environmental Sciences

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-17492S	doc. Ing. Hana Stiborová, Ph.D.	Arbuscular mycorrhizal fungi in relation to emerging contaminants in soil-plant system	Vysoká škola chemicko-technologická v Praze, Fakulta potravinářské a biochemické technologie	3	5. Agricultural and Biological-Environmental Sciences
25-17499S	Yves Basset, PhD	Are insect population dynamics driven by bottom-up resource availability, top-down predation, or climate variation in a tropical rainforest?	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-17505S	prof. Mgr. Tomáš Albrecht, Ph.D.	Postcopulatory sexual selection: mechanisms and evolutionary consequences in sexually promiscuous passerines	Ústav biologie obratlovců AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-17553S	Mgr. Miroslav Kolařík, PhD.	Disentangling the role of gut microbiome in Lepidoptera trophic niche diversification through taxa with unconventional feeding strategies	Mikrobiologický ústav AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-17569S	Vendula Krynická	Reprogramming the NtcA global regulatory pathway in cyanobacteria	Mikrobiologický ústav AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-17736S	Ing. et Mgr. Jiří Šmíd, Ph.D.	Evolutionary diversity of desert reptiles across phylogenetic and spatial scales: hotspots, refugia, and their conservation	Univerzita Karlova, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-17755S	RNDr. Petr Kotlík, Ph.D.	From refugia to resilience: origins of adaptations to climate change	Ústav živočišné fyziologie a genetiky AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-17835S	Elisabeth Hehenberger	Using Kleptoplasty to illuminate the evolution of plastids and the order of steps during endosymbiosis	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences

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25-17888S	Mgr. Vlastimil Smýkal, Ph.D.	Is insect TAIMAN conserved clock protein?	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-18138S	prof. RNDr. Viktor Žárský, CSc.	Exocyst in plant root-shoot junction and hypocotyl developmental plasticity regulation	Univerzita Karlova, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-18143S	Ing. Petr Sedláček, Ph.D.	All Magic Comes with a Price – Investigating the Ecological Trade-offs of Biodegradable Polyesters	Vysoké učení technické v Brně, Fakulta chemická	3	5. Agricultural and Biological-Environmental Sciences
25-18207S	Mgr. Václav Jelínek, Ph.D.	Infanticide in a colonially breeding passerine	Ústav biologie obratlovců AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-18210S	INDRANIL MUKHERJEE, PhD	Deep ecosystem exploration: probing food web connectivity in the hypolimnion (DEEPWEB)	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-18237S	Dr. rer. nat Roey Angel	The millipede holobiont: Microbiome, metabolic functions, and trophic levels in a central global detritivore	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
25-18351S	prof. RNDr. Karel Prach, CSc.	Role of alien species in vegetation succession - from local to global scales	Jihočeská univerzita v Českých Budějovicích, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-18352S	Lisa Emily Melymuk, Ph.D.	ChemTrace: Chemicals in plastic products: tracing hazardous compounds from supply chain through to children's exposure	Masarykova univerzita, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences

Registration No.	Applicant	Title	Organization	Number of years	Discipline Committee
25-18392S	RNDr. Jindřich Chmelař, Ph.D.	Molecular and cellular mechanisms of immunomodulatory activities of tick salivary serpins	Jihočeská univerzita v Českých Budějovicích, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
25-18519S	doc. Ing. Radim Matula, Ph.D.	Unravelling shifts in tree growth dynamics and carbon uptake in European forests under climate change	Česká zemědělská univerzita v Praze, Fakulta lesnická a dřevařská	3	5. Agricultural and Biological-Environmental Sciences