

Announcement of the Results of the POSTDOC INDIVIDUAL FELLOWSHIP OUTGOING 2023 Public Call for Proposals

The Czech Science Foundation completed the evaluation of the project proposals received for the competition SGA0202300005 - POSTDOC INDIVIDUAL FELLOWSHIP OUTGOING Grant Projects - 2023 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 2023 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
23-049030	Ing. Martin Ladecký, Ph.D.	Reduced-order topology optimisation of high-resolution microstructures with internal contact	České vysoké učení technické v Praze, Fakulta stavební	4	1. Technical Sciences
23-060740	Ing. Ján Mucha, Ph.D.	Research of advanced methods of graphomotor disabilities analysis based on fractional calculus	Vysoké učení technické v Brně, Fakulta elektrotechniky a komunikačních technologií	4	1. Technical Sciences
23-057600	Martin Pižl	Redox and photochemical properties of polypyridyl-based biosensors	Vysoká škola chemicko-technologická v Praze, Fakulta chemické technologie	3	2. Physical Sciences
23-060150	Mgr. Lukáš Lachman, Ph.D.	Photonic and Atomic Fock State Correlations	Univerzita Palackého v Olomouci, Přírodovědecká fakulta	4	2. Physical Sciences
23-063440	RNDr. Marek Tuhý, Ph.D.	Wildfire-driven metal(loid)s fluxes in mining areas: insights from pilot-scale simulations and in-situ observations	Univerzita Karlova, Přírodovědecká fakulta	4	2. Physical Sciences
23-063840	Ján Šubjak	Unveiling the population of close-in exoplanets and brown dwarf companions to stars	Astronomický ústav AV ČR, v.v.i.	3	2. Physical Sciences
23-068100	RNDr. Petr Doležal, Ph.D.	Investigation of magneto-elastic interaction in quantum spin liquid candidate materials	Univerzita Karlova, Matematicko-fyzikální fakulta	4	2. Physical Sciences
23-076100	Marie Švecová	Copper-based enhancing substrates for advanced vibrational spectroscopies	Vysoká škola chemicko-technologická v Praze, Fakulta chemicko-inženýrská	3	2. Physical Sciences
23-066390	Ivone Cristina Igreja e Sa, M.Sc.	The role of endoglin in immune cell hepatic infiltration during nonalcoholic steatohepatitis	Univerzita Karlova, Farmaceutická fakulta v Hradci Králové	4	3. Medical and Biological Sciences

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23-054120	Mgr. Martin Lešák, Ph.D.	Art, Stational Liturgy, and Communities: Conceiving Monumental Mosaic Decorations in Late Antique Rome (5th–6th Centuries)	Masarykova univerzita, Filozofická fakulta	4	4. Social Sciences and Humanities
23-053100	RNDr. Ing. Tomáš Figura, Ph.D.	Thief hunt: In search for plants stealing carbon on fungi	Botanický ústav AV ČR, v. v. i.	3	5. Agricultural and Biological-Environmental Sciences
23-054690	Mgr. Veronika Konečná	Repeated adaptation in wild carnations: the role of shared genetic variation and novel mutations in convergent selection signatures in the genome	Botanický ústav AV ČR, v. v. i.	3	5. Agricultural and Biological-Environmental Sciences
23-055460	Mgr. Dora Čertnerová	Shaping the genome: How environmental factors affect the DNA content evolution in populations of planktonic algae?	Univerzita Karlova, Přírodovědecká fakulta	3	5. Agricultural and Biological-Environmental Sciences
23-067100	Mgr. Michal Daněk, PhD	Role of HIR proteins in effector-triggered immunity in Arabidopsis thaliana	Ústav experimentální botaniky AV ČR, v.v.i.	4	5. Agricultural and Biological-Environmental Sciences
23-070450	Mgr. Anna Mrázová, Ph.D.	Tree defence strategies: why and how does the strength of bottom-up control vary along latitudinal gradient?	Biologické centrum AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences
23-074340	Mgr. Vojtěch Tláškal, Ph.D.	TIMPAOMP project - The IMPortance of Anaerobic Oxidation of Methane in Peatlands	Biologické centrum AV ČR, v.v.i.	4	5. Agricultural and Biological-Environmental Sciences
23-076380	Mgr. Martina Karasová	The regulation of xenobiotics metabolism via mechanotransduction: a novel role for the aryl hydrocarbon receptor	Biofyzikální ústav AV ČR, v.v.i.	3	5. Agricultural and Biological-Environmental Sciences