

## ANNOUNCEMENT OF THE RESULTS OF THE JUNIOR STAR – 2024 PUBLIC CALL FOR PROPOSALS

As of 3 November 2023, the Czech Science Foundation completed the evaluation of the project proposals received for the competition SGA0202400003 – Grantové projekty JUNIOR STAR – 2024 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
24-10275M	Mgr. et Mgr. Veronika Dulíková, Ph.D.	Titles and bones of ancient Egyptian officials: New mathematical approach to analysing Old Kingdom data	Univerzita Karlova, Filozofická fakulta	5	EX7
24-10298M	Ing. Vít Svoboda, Dr. sc. ETH Zurich	Probing Chiral Dynamics on Femtosecond Timescales	Vysoká škola chemicko-technologická v Praze, Fakulta chemicko-inženýrská	5	EX3
24-10599M	RNDr. Michal Zajaček, Ph.D.	Stars in galactic nuclei: interrelation with massive black holes	Masarykova univerzita, Přírodovědecká fakulta	5	EX1
24-10738M	Ing. Lukáš Neumann, Ph.D.	Inductive Biases of Deep Neural Networks in Computer Vision	České vysoké učení technické v Praze, Fakulta elektrotechnická	5	EX8
24-11058M	Mgr. Milan Heczko, Ph.D.	Design and optimization of 3D printable oxide-dispersion-strengthened multi-principal element alloys for extreme environments	Ústav fyziky materiálů AV ČR, v.v.i.	5	EX8
24-11139M	Nikola Paillereau, Ph. D.	The effect of bilingualism on speech perception and production in the first year of life	Psychologický ústav AV ČR, v.v.i.	5	EX6
24-11259M	RNDr. Ondřej Černý, Ph.D.	Salmonella effector network inhibiting T cell immunity	Mikrobiologický ústav AV ČR, v.v.i.	5	EX4
24-11562M	Paulo Paioti	Catalytic Stereoselective Synthesis of Elusive Atropisomers for Accelerating Drug Discovery	Ústav organické chemie a biochemie AV ČR, v.v.i.	5	EX3

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24-11622M	Mgr. Martin Lang, Ph.D.	Computing Religious Devotion: How Reinforcing Supernatural Beliefs Affects Normative Models in the Mind	Masarykova univerzita, Filozofická fakulta	5	EX6
24-12183M	Klára Marečková, Ph.D., M.Sc.	Prenatal Programming of Child's Brain and Behavior: Novel Insights into the Mechanisms of the Intergenerational Transmission	Masarykova univerzita, Středoevropský technologický institut	5	EX4
24-11702M	RNDr Martin Rejhon, PhD	Tunable graphene/SiC optoelectronics	Univerzita Karlova, Matematicko-fyzikální fakulta	5	EX2
24-11761M	Mgr. Lenka Gahurová, Ph.D.	Transposons and ovulatory cycles – key players in long-term female fertility?	Jihočeská univerzita v Českých Budějovicích, Přírodovědecká fakulta	5	EX5
24-11928M	Dr Vinicius Tadeu Santana	Control of quantum phases and entanglement by magnetic field in molecular systems	Vysoké učení technické v Brně, Středoevropský technologický institut	5	EX2
24-12359M	Ing. Rafael Navrátil, Ph.D.	Innovative synthetic methods enabled by transition metal catalysis and electrochemistry	Univerzita Karlova, Přírodovědecká fakulta	5	EX3
24-12400M	Jan Váňa	The Sociology of Literature Revisited: Towards Epistemological Symmetry within Literature-and-Society Research	Ústav pro českou literaturu AV ČR, v.v.i.	5	EX7
24-12591M	Samuel Walker Braunfeld	Model theory, structural combinatorics, and algorithms	Univerzita Karlova, Matematicko-fyzikální fakulta	5	EX1
24-12912M	Maria-Cecilia Chiriac	High-throughput host detection and cultivation of freshwater CPRs ('Ca. Patescibacteria')	Biologické centrum AV ČR, v.v.i.	5	EX5