

Results of the Grant Competition of Excellence of the Faculty of Science UHK for years 2023-2024

In accordance with the PŘF UHK Dean's Decision No. 17/2022, the PŘF UHK Dean announces the results of the Grant Competition of "Excellence of the Faculty of Science UHK for years 2023-2024".

Projects approved for funding with amount of funds allocated:

Researcher	Project title	Funds allocated
Ass. Prof. Mgr. Petr Bogusch, Ph.D.	Evaluation of the identity of island species and subspecies of cuckoo bees using the methods of molecular biology and morphology	CZK 93,000.00
Ass. Prof. Ing. Jakub Horák, Ph.D.	Contrasting influence of urbanization and conservation on insect pollinators biodiversity	CZK 200,000.00
Prof. RNDr. Štěpán Hubálovský, Ph.D.	Development and simulations of Flexible 4-Port MIMO Antenna for UWB, X, and Ku band Applications	CZK 185,000.00
Prof. Ing. Kamil Kuča, Ph.D.	Are JNK inhibitors those elusive anti-Alzheimer's therapeutics that we are looking for?	CZK 200,000.00
Ass. Prof. Bekir Can Lütfüoğlu, Ph.D.	QUANTUM MECHANICS WITH GENERALIZED DUNKL OPERATOR	CZK 112,000.00
Mgr. Eugenie Nepovimová, Ph.D.	Design, synthesis and biological evaluation of new class of CNS-active mTOR inhibitors to combat aging and age-related diseases	CZK 200,000.00
RNDr. Filip Studnička, Ph.D.	Development of new sensors and methods for measurement of physical quantities	CZK 120,000.00
Mgr. Ing. Eva Trojovská, Ph.D.	Diofantine equations containing recurrently ordered higher-order linear sequences connected to the roots of characteristic equations	CZK 200,000.00

Ass. Prof. RNDr. Pavel Trojovský, Ph.D.	Physical-based and Swarm-based optimization methods	CZK 190,000.00
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This Decision shall enter into force and effect on the date of signature.

In Hradec Králové on 19 December 2022.

Ass. Prof. RNDr. Jan Kříž, Ph.D.
PřF UHK Dean